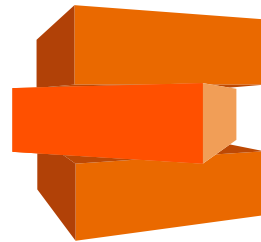
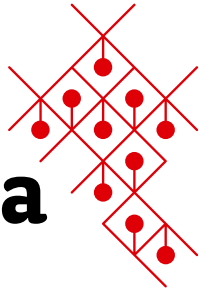




ENGLISH VERSION

**Polska**



# Eastern Construction Cluster

Reliability Professionalism Innovate



Eastern Construction Cluster  
Reliability Professionalism Innovate



**TOMASZ KOZŁOWSKI,**  
**Coordinator of the Eastern Construction Cluster**

"The current years of our cluster initiative have been a period of intensive work, a number of joint undertakings and implementing professional standards of cooperation. We develop through integrating companies within the construction industry and related enterprises, also incorporating scientific and business environment entities into joint forms of activity. We have defined the cluster's objectives, among which you can find: top quality of products and services as well as durable internationalisation of the cluster's activity. Since the beginning we have lobbied towards solutions supporting the construction industry and promoted a philosophy of cooperation established by the apparently competing companies. In the nearest future we will focus on intensifying macro-regional cooperative links, internationalising the activity of clustered entities as well as developing and implementing the energetic efficiency of technical solutions.

Having defined their research and development plans, the enterprises and higher education institutions that belong to the Eastern Construction Cluster – the National Key Cluster – hope for further, effective development of their competitive advantage e.g. through implementing innovations. The scope of our activity precisely addresses the national smart specialisation (intelligent and energy-saving construction), which allows for obtaining additional external funds (EU funds) that foster faster growth of our entities.

As exemplified by the Eastern Construction Cluster, it can be observed that intra-sector cooperation brings measurable advantages both to the enterprises and business environment institutions. In joint cooperation we create a strong entity on the national market, an organisation of mutual aspirations, visions and goals.

We stay open to new participants, novel development paths of our members and undertaking new business challenges.

I look forward to your cooperation!"



UNIBEP SA  
**Leszek Marek Gołąbiecki,**  
President of the Board  
Sector: construction  
Professional experience: 25 years

A graduate of Białystok University of Technology with a degree of MSc Eng. in construction. Since the beginning of his professional career he has been connected with the construction sector, has pursued the entire career ladder – from contract manager to the director for construction and vice president of Unibep SA management board. Employed at Budimex-Unibud SA, Budimex Dromex SA. In 2005 he started working for Unibep in Bielsk Podlaski. In June 2014 he was appointed the president of the company's management board, pursuant to the decision of the Supervisory Board of Unibep SA. A member of supervisory boards in companies: Unidevelopment SA and Budrex-Kobi Sp. z o.o.



**Unibep SA based in Bielsk Podlaski is currently one of the largest construction companies in Poland that has operated on the market for about 70 years. It is an enterprise with the advantage of the Polish capital, since 2008 it has been listed at the Warsaw Stock Exchange.**

I am proud that I work for a company from Podlasie Region, a company with the Polish capital. I wish to emphasise that at present Unibep SA is ranked among 10 largest construction companies that operate in Poland. I am absolutely convinced that the company has achieved this success thanks to the knowledge, passion and determination of the owners as well as fully professional personnel. Unibep's most precious assets are competent and ambitious employees and its organisational culture. Therefore, we observe constant growth, work on all the more ambitious projects and compete against the best companies on the market. I am glad that I can manage such a good enterprise.

Our long-term objective is becoming an international company with the Polish capital, where high ethical and quality standards are observed. Hence, we develop our export activity, at the same time focusing on the development of our business activity in Poland.

I am convinced that the Polish companies can and are capable of cooperating with each other in an effective manner. This is very important, especially on export markets. Therefore, all cluster initiatives, including the successful activity of the Eastern Construction Cluster, may help to create a strong position of the Polish companies on international markets.



PPU PALISANDER Sp. z o.o.  
**Sławomir Janusz Żubrycki**  
President of the Board  
Sector: construction / formwork systems  
Professional experience: 30 years

A graduate of the Faculty of Construction at Białystok University of Technology. Co-owner and President of PPU Palisander Sp. z o.o. An active member of the Eastern Construction Cluster, the Polish Association of Construction Employees, the Programme Council of the Faculty of Construction at Białystok University of Technology. A laureate of numerous awards and distinctions in the construction sector. Distinguished for his pro-developmental activity and management policy.



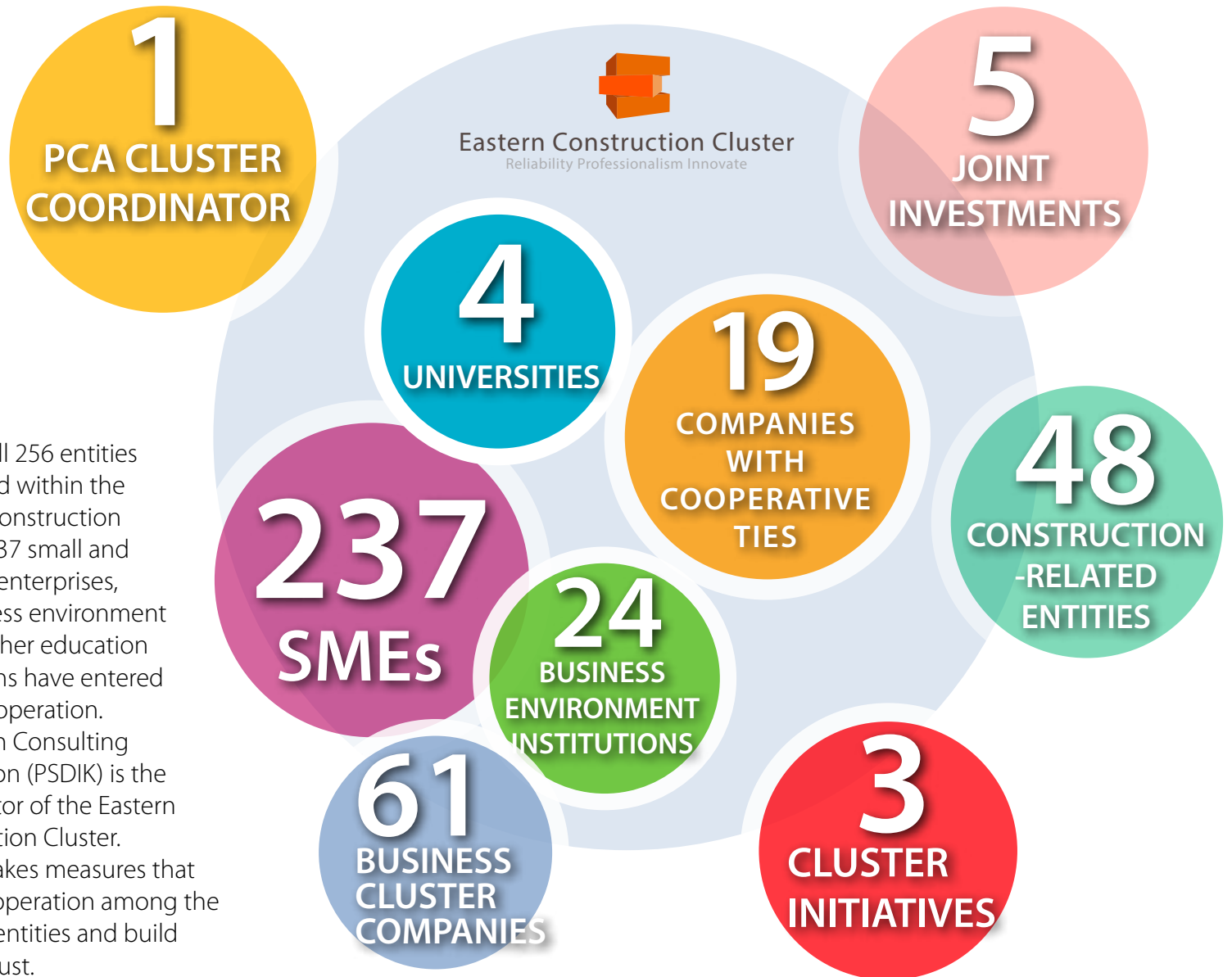
**Palisander is the leading supplier of formwork systems in Poland with local offices in the entire country and employing almost 150 people.**

Palisander offers a wide range of formwork systems and technologies, and within the author's system of quality QLOS, the Customer is provided with a number of services that facilitate cooperation. The qualified staff of engineers provides high-quality designing services. We participate in research and innovation processes. We conduct trials and tests of new solutions as well as develop and implement quality documentation. Our objective is not pursuit of the current trends. Palisander aims to be one step ahead of others.

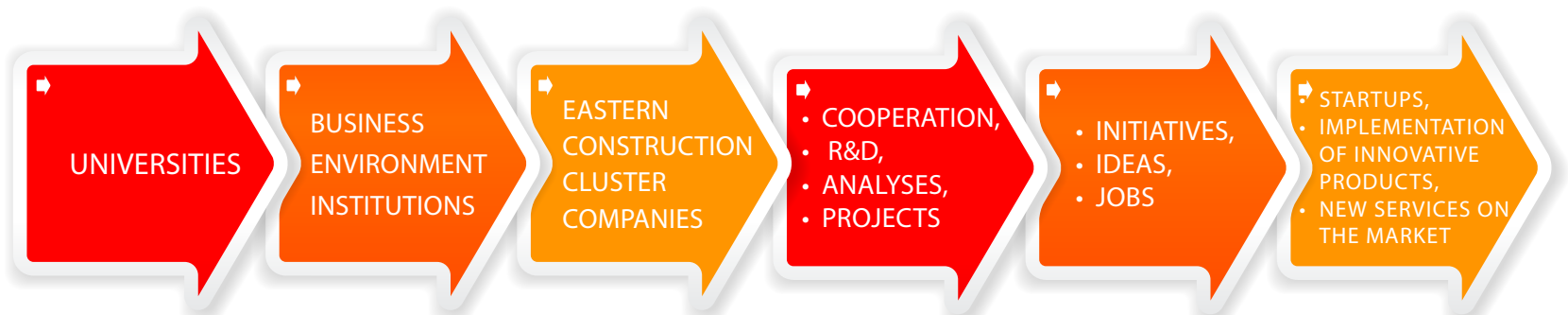
We plan new investments in technologies, technical aspects and the staff. We wish to enter new markets and continuously expand the portfolio of our Customers. Improving the company's system for quality control QLOS is one of our regular goals. We will definitely put a stress on innovative solutions in terms of OHS as we know that safety and protection at construction sites is our key and prioritised matter.

Palisander's membership in the Eastern Construction Cluster is consistent with our philosophy of continuous growth. Organisation-based cooperation allows for conducting significantly larger projects than alone. International meetings give the opportunity to acquire technological knowledge other than ours and can become an impulse for new technological solutions as well as acquiring new business partners.

# CLUSTER COOPERATION PARTICIPANTS



Among all 256 entities associated within the Eastern Construction Cluster, 237 small and medium enterprises, 24 business environment and 4 higher education institutions have entered active cooperation. The Polish Consulting Association (PSDIK) is the coordinator of the Eastern Construction Cluster. It undertakes measures that foster cooperation among the Cluster's entities and build mutual trust.





Eastern Construction Cluster  
Reliability Professionalism Innovate

# 1 TRUST 2 COOPERATION 3 DEVELOPMENT

After five years of cooperation within the Eastern Construction Cluster, we can confirm that the most significant factors that ensure success are mutual trust, eagerness for cooperation and constant development.

- 1 237 business entities participating in the Cluster.
- 2 We are one of the seven National Key Clusters.
- 3 We are one of the largest Polish Clusters.
- 4 We are the only construction cluster among the National Key Clusters.
- 5 We are represented in twelve provinces.
- 6 Seven years of the Cluster's continuous activity.

# Initiatives of the Eastern Construction Cluster



## Joint projects Start-ups

Cooperation within the Eastern Construction Cluster leads to the creation of long-lasting business relations and undertaking joint initiatives.

The execution of individual projects frequently based on technical or technological solutions usually results in establishing new Companies. The Eastern Construction Cluster often becomes an incubator for the creation as well as financing new entities in a form of start-ups that, due to their short history and search for the proper business model, rely on the knowledge and experience of Cluster members.

## Research and Development activity

The Cluster functions as an investment centre that provides complex services for investment processing, starting with obtaining funds from EU programmes.

Our chief objective is the creation of joint R&D Centre, which shall be available to all Cluster members in terms of maximising effective cooperation aimed at the development of the construction sector.

## Professional training

We coordinate training (the so-called soft) projects for schools and higher education institutions. We have entered into cooperation with high schools in the scope of the students' practical training as well as adjusting the quality of education to the market demand and professional standards, through the cooperation and initiative of Cluster companies

## International cooperation

In terms of international cooperation we focus on the internationalisation of companies operating in the Cluster through our participation in various trade events. Moreover, we acquire contacts with construction companies and arrange B2B meetings with the agencies from selected European regions. We also organise business events in the East as well as undertake measures leading to the improvement in economic relations with our neighbours.

## Partnerships

We have many Partners in the scope of business, scientific and economic cooperation.

We commence joint measures with Business Environment Organisations, Non-Governmental Organisations, Institutions of Technology Transfer as well as Science and Technology Institutes. We also cooperate with local government units and local authorities.



# Measures of the Eastern Construction Cluster



## Commercial and economic missions

The Cluster organises international commercial missions, fairs and exhibitions. The core objective of economic missions organised by the Eastern Construction Cluster is providing the Cluster members proper conditions for the cooperation with international partners as well as creating or extending commercial and economic relations.

## Fairs

You can find us at the leading fair events. The Cluster's participation in trade fairs both at the national and international level allows for active monitoring of trends in the construction industry as well as promoting Cluster members and idea of clustering on a wide scale.

## Congresses and conferences

We organise the most important economic undertakings. The chief goal of the Congresses and Conferences of the Eastern Construction Cluster organised by the Polish Consulting Association is the creation of a platform for a merit-based debate on the construction sector, undertaking expert discussions, fostering cooperation among entrepreneurs, local government units with a shared participation of the representatives of the science sector.

## Training

We organise training courses for the needs of Cluster members. Raising key competences and skills is the basic goal of branch training courses, dedicated both to the managing staff and the employees of the Companies associated within the Eastern Construction Cluster. The courses are addressed at both general needs of the industry as well as internal needs of Cluster members.

## Cooperation within the Cluster

The basic area of activity in terms of cluster cooperation are regular meetings of the Members of the Eastern Construction Cluster, trade and B2B meetings. The concentration of the business potential within the Cluster allows for joint, credible and simplified acquisition of strategic contracts as well as reaching new markets. Shared cooperation also facilitates the access to a network of contacts and potential business partners.





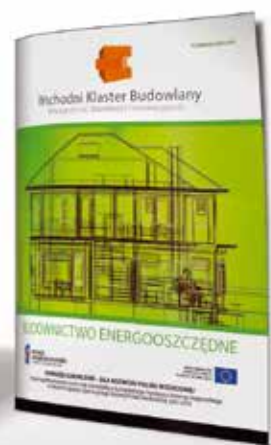
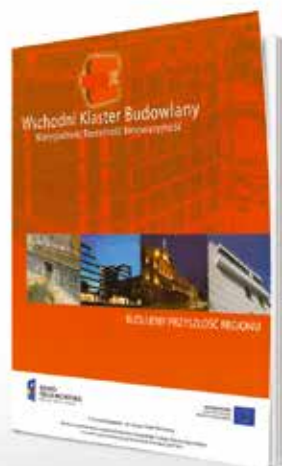
## Eastern Construction Cluster:



Eastern Construction Cluster  
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The Eastern Construction Cluster incorporates entities from the construction industry and business environment institutions across entire Poland. The objective and the mission of the Eastern Construction Cluster is regular support provided to institutions and entrepreneurs that operate in the construction sector through establishing durable cooperation framework, creating an innovative network of solutions based on the transfer of knowledge, technology and innovative solutions between the Cluster's members, science and research units as well as scientific institutions in order to obtain a strong, competitive position in terms of construction services. The Cluster is eagerly supported by local governments, engaged in a number of economic undertakings at the regional and national level.

The strength of the Construction Cluster is its membership structure. These are entities that jointly cooperate and create innovative business solutions. The Cluster's core is businesses, those of solid, decades-long history, and dynamic enterprises established only recently. The Cluster's seat is located in Białystok, its coordinator being the Polish Consulting Association.



Publications of the Eastern Construction Cluster





## National Key Cluster:



The Eastern Construction Cluster has been granted a status of the National Key Cluster by the Minister of Economy by means of the national, multi-stage competition. For the time being, merely 7 Polish clusters can take pride in holding this title. National Key Clusters are large and represent the country's strategic sectors with a competitive advantage on international markets. Energy-efficient construction, a differentiating factor of the Eastern Construction Cluster, is also one of the national smart specialisations (as national economy sectors with the largest potential for growth are currently described). The National Key Clusters competition was conducted by the Ministry of Economy in cooperation with the Minister of Science and Higher Education, the Minister of Infrastructure and Development, the Polish Agency for Enterprise Development (PARP) and the National Centre for Research and Development.

The Eastern Construction Cluster, as a National Key Cluster, is an entity that pursues the national policy of economic development. The objective of Poland's cluster policy is e.g. strengthening the innovativeness and competitiveness of the Polish economy based on intensified cooperation, interaction and flow of know-how within Clusters as well as supporting the development of strategic economic specialisations: Key Clusters.



Brochures of the Eastern Construction Cluster



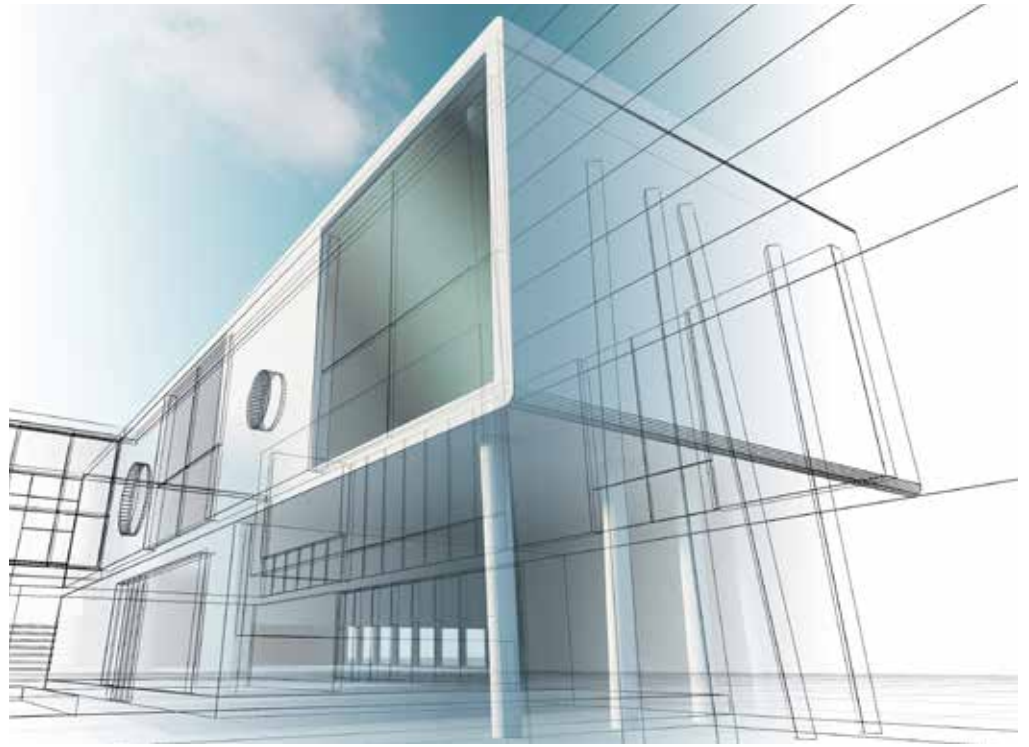
## Benefits from participation and cooperation within the Cluster:

1. Concentration of the companies' potential, access to the network of business relations and contacts.
2. Improving the reliability of Cluster members.
3. An opportunity for sector-based development and cooperation, acquiring new markets.
4. Integrating the environment of construction and sector-based, value chain enterprises.
5. Joint representation of interests in the scope of the conducted business activity before state and local government authorities.
6. An opportunity for cooperation with competing companies.
7. Improved chances of acquiring EU funds for executing clustered projects.
8. An opportunity for applying in EU competitions dedicated solely to the Key National Clusters.
9. Improved brand recognisability through wide-range marketing activities.
10. Conducting joint research and scientific undertakings as well as commercialising their results.
11. Access to consulting, information and training services in order to strengthen the competitive potential of human resources.
12. Integrating the business environment within the industry, an opportunity for cooperation with competing companies and other business entities.
13. An opportunity for establishing a cooperative environment capable of creating competitive products and services.
14. External opportunities within diffusion of technologies and knowledge sharing resulting from direct contact among Cluster members.

The desire to achieve common goals, to work together and to unite in action on matters of importance to us makes us join forces in order to overcome the emerging obstacles. Integration and a sense of responsibility for joint measures make our Cluster special!



Folder of the Eastern Construction Cluster in Russian and English



## Our activity consists in:

1. Regular cluster meetings.
2. Industry and B2B meetings.
3. Promoting the Cluster and its members.
4. Active participation in fairs and prestigious business events.
5. Organisation of and cooperation in training courses, conferences, seminars.
6. Organisation of economic missions.
7. Publishing specialist information and marketing materials.
8. Cooperation within creating shared products and undertakings.
9. Preparation of applications for subsidising development, research, training and promotional projects within EU programmes.



**Eastern Construction Cluster**  
Reliability Professionalism Innovate

## The Eastern Construction Cluster is:

1. The largest Polish Construction Cluster operating the longest on the market.
2. An association of over 160 companies and institutions that also cooperates with higher education facilities.
3. The only Key National Cluster in construction.
4. A concentration of all industrial sectors.
5. One of the largest Organisations in Eastern Poland.
6. A supporter and promoter of the Polish construction, new trends and market development.
7. A representative of its Partners on the local, regional and national scale.
8. Implements innovations in the construction industry.
9. Supports knowledge and technology transfer.
10. Ensures access to a network of business relations and contacts.
11. Promotes Cluster companies, services and products.
12. Combines the potential of Cluster members and expands the commercial offer.
13. Patronages over industrial events, substantially supports initiatives connected with construction.
14. Undertakes international cooperation and by this means acquires new markets.



POS materials of the Eastern Construction Cluster



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## Achievements

- Unibep SA is a leader in the residential segment in Warsaw, having already constructed approx. 17,000 apartments in the capital city.
- This Bielsk Podlaski-based company is a leading exporter of construction services, operating in Russia, Germany and Belarus. As a general contractor, it currently executes large-scale investments in the Republic of Belarus.
- Unihouse, a producer of multi-family modular homes, has already erected over 1,700 flats in Norway and initiates the construction of apartment blocks in Sweden.
- Unidevelopment SA is a renowned property developer in Warsaw and Poznań, selling on average 500 apartments per year.
- The Road Department of Unibep SA and its subsidiary, Budrex-Kobi, are the leading road, bridge and overpass constructors in North-Eastern Poland.

## Future plans

- For years, Unibep SA has been developing and diversifying its activity both in terms of products and services, as well as their geographical aspect. It is one of the leaders within the Polish Cluster of Construction Exporters, an association of the Polish companies, focused on creating and strengthening the cooperation of the Polish construction companies on export markets as well as internationalising the Polish construction sector.
- Unibep SA aims at being an international company with the Polish capital.

## History



The origins of Unibep SA based in Bielsk Podlaski dates back to 1950. The company was both state- and municipality-owned. It also belonged to a large European corporation. The year 2002 was the company's key historical moment, when the current owners purchased shares from Budimex. At that time the company generated a profit of several dozen million Polish zlotys and employed over a hundred workers. The new owners focused on the company's development and, since Podlasie region lacked construction investments,

they decided to conduct operations on Poland's largest market, i.e. Warsaw. Another highlight in the company's history was its debut at the Stock Exchange in 2008. The acquired capital was allocated to the development of Unibep SA. For years the company has developed its activity in an organic manner (increasing employment, entering other sectors on the construction market) and purchased companies in order to supplement the portfolio of Unibep Group.



### General contracting

General contracting is the core business of Unibep Group. Residential construction constitutes the major pillar of the company's activity in Poland. It also executes projects connected with commercial development (hotels, office buildings, commercial facilities) and industrial construction.

General contracting abroad is mainly conducted within commercial development (hotels, shopping malls, sports facilities). Construction services are exported by the group's dominating company, Unibep SA, and its agencies in the countries within its area of activity.



### Road construction

Road and bridge construction in North-Eastern Poland is executed by the Road Department of Unibep SA and Budrex-Kobi Sp. z o.o., a highly specialised company that builds bridges and culverts in almost entire Poland.

The company employs expert personnel and owns specialised equipment for executing ambitious road and bridge investments. At present it constructs a section of an express road S8 Warsaw-Białystok; it is the largest contractor of province and county roads in Podlaskie Province.



### Property development

Property development is conducted by Unibep SA through the operations of Unidevelopment SA. Currently it conducts investments in Warsaw and Poznań.

Unidevelopment SA is a well-known and respected developer, offering interesting solutions for all the more demanding customers. It sells approx. 500 apartments per year.

The company has already released for use over 2,000 flats and houses as well as 15 housing investments, and already prepares further projects.



### Modular construction

The production of wooden modules for the construction and assembly of multi-family houses as well as public-facility buildings on the Scandinavian market (chiefly Norway and Sweden) is executed by Unihouse Branch in Bielsk Podlaski.

Unihouse has already built over 1,700 apartments in Norway and another 300 are under construction.

The company is a holder of all certificates allowing for constructing residential buildings on very demanding Scandinavian markets. The plant develops its production capacity in order to draw the interest of foreign investors.



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## Contact details

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FAX: (48 22) 853 11 75

**e-mail: [warszawa@unibep.pl](mailto:warszawa@unibep.pl)**

# UNIBEP:

expertise, passion, trust

**Unibep SA based in Bielsk Podlaski is currently one of the key construction companies in Poland and the largest exporter of construction services. The company has achieved success thanks to the owners' expertise, passion and determination as well as highly professional personnel.**

Unibep SA operates in various segments of the construction industry. Not only acting as a general contractor in Poland and abroad, it possesses the largest plant manufacturing modular homes in Poland (selling them to Scandinavian countries) and operates in the road construction industry (building roads mainly in Podlaskie Province). Thanks to its related entity – Budrex-Kobi – Unibep SA erects and modernises bridges in whole Poland as well as through its other subsidiary, Unidevelopment SA, it provides property development services in Warsaw and Poznań.

According to Deloitte, Unibep SA is ranked among the largest construction enterprises operating in Poland.

“Our mission is to execute construction investments on domestic as well as international markets, in accordance with global quality standards, principles of sustainable construction, professional ethics as well as due care for the user's comfort and satisfaction.”





## Leszek Gołabiecki

President of Unibep SA Management Board

Unibep SA is at present one of the largest construction companies in Poland. We often wonder on the key moment in the company's history that has led to its success. 15 years ago we were a small construction company from the East of Poland that had no prospect bright future, tackling everyday problems.

It appears that universal values have become paramount. For years Unibep SA has applied written rules of work. Our values are expertise, passion and trust, but also tolerance and respect for others. Each new employee obligatorily gets familiarised with Unibep's code of ethics.

We often say that our company has its own DNA.

We put big stress on the safety of our employees and all those who cooperate with us at construction sites. Our company highly values human health, therefore we raise OHS standards at construction sites year by year. As we wish to cooperate with the best construction companies in Poland in that scope, since 2015 we have been a signatory of the Agreement for Construction Safety, an association of 15 largest general contractors in Poland.

We are aware and feel responsible for thousands of people we work or cooperate with on a daily basis, since as a general contractor we hire a number of subcontracting companies for specific work. We highly value our words – if we make a promise, we never go back on a given word.

In order to conduct business activity, you need to be ethical at each step. Therefore, observing the highest ethical norms, we establish long-lasting relations with our business partners. We listen carefully to the words of investors, we wish to get to know all the needs of our customers. I want to emphasise that we put our intensified effort not only to perform our work as well as possible, but also help investors execute all the entrusted investments with the use of our knowledge and experience. We are glad to implement further projects with our long-term investors.



## Multi-family buildings in modular technology

Energy-saving, pretty and unique – such are multi-family buildings constructed with the use of modular technology by Unihouse Branch of Unibep SA in Bielsk Podlaski. They are highly appreciated in Norway, and also constructed in Sweden. They meet global standards for ecology and noise levels. The investments were conducted in Oslo, Stavanger, Ålesund, Trondheim and in the Arctic Circle – Tromsø.



## Credible developer with vast experience

Unidevelopment SA is a developer with wide experience and a stable position on the residential market in Warsaw and Poznań. It is a member of the Polish Association of Property Development Companies. The Jury of the Polish Association of Construction Industry Employers awarded the company with the prestigious Property Developer's Certificate, granted to reliable and credible companies operating on the Polish property market.



## Complex road construction

The Road Department of Unibep SA performs complex road construction, including utility infrastructure. The division is a modern unit with its own road laboratory and rich equipment and transport capacity. Its personnel and equipment allow it to construct express roads. High quality and promptness of performed works – these words best summarise the operations of Budrex-Kobi Sp. z o.o., a company that builds bridges and reconstructs civil engineering facilities within road construction. In 1st July 2015 it was purchased by Unibep SA.





## General contracting in Poland

Unibep SA is a leading general contractor of buildings in Poland. Its portfolio includes e.g. the construction of such prestigious facilities as Galeria Północna in Warsaw (the city's one of the largest facilities of that sort), one of the largest residential buildings (777 apartments) Słodowiec City in Warsaw and Aura Sky apartment house (28 floors) in Warsaw's Praga district, Aqua Lublin – a modern sports and leisure facility in Lublin, and Milk Powder Plant Mlekovita 3 in Wysokie Mazowieckie – one of the most innovative factories of that sort in Europe.

The company specialises in residential construction (having built over 17,000 apartments so far), but it also constructs office and sports facilities, hotels, shopping malls, commercial facilities and industrial buildings.



## General contracting abroad

For years Unibep SA has been present on the export Eastern and Western markets (Belarus, Russian Federation and Germany). In Eastern Europe we have constructed several prestigious investments, e.g. a four-star hotel Radisson Sas in Kaliningrad together with an office and commercial complex, a commercial and business centre "Airport City Saint Petersburg" with a four-star hotel Crowne Plaza in Saint Petersburg, and a four-star hotel "Victoria" in Minsk, Belarus.

At present we execute two prestigious investments in the Republic of Belarus: a shopping centre in Grodno and a sports and leisure centre in Minsk. We are also open for expanding our activity towards other countries.



## Modular construction

Modular construction has been well-known and used for many years in entire Europe. Unihouse factory in Bielski Podlaski is Europe's one of the largest and most innovative producers of modular buildings on wooden skeletons.

Structures manufactured here are widely used and have become ideal for the executing diversified investments: hotels and motels, multi-family residential buildings, office facilities, dormitories, kindergartens, nurseries, clinics, elderly care houses and commercial pavilions. A great advantage of this technology is its short manufacturing process, lasting approx. 6 weeks. The buildings are ecological and meet the highest global standards for ecology and noise



## Road and bridge construction

Unibep's personnel employed for road and bridge construction activities is prepared for executing the most ambitious investments, also on express roads and motorways. The road department is a team of talented, young engineers, equipped with large capacity of innovative equipment and transport solutions. Budrex-Kobi (owned by Unibep Group) performs complex works within constructing, reconstructing and modernising bridges in whole Poland, on both municipal roads as well as motorways.

It is a leader on Podlaskie market with regard to the assembly of rope and steel road barriers. It owns specialised brigades and high-quality equipment for protecting the walls of excavations with steel sheet piles (tight steel profiles).

## Current achievements

F.B.I. TASBUD S.A. is an enterprise that has conducted its ongoing business activity for 32 years, creating the construction sector. The company's current achievements are extensive. At present it executes construction undertakings of a total usable area exceeding 100,000.00 m<sup>2</sup> only in cubature development. As a General Contractor in the residential sector, the company simultaneously builds over 850 apartments located in exclusive residential buildings in Mazovian Province only.

Over the years F.B.I. TASBUD S.A. has also implemented numerous public utility investments, i.e. schools, kindergartens, hospitals, governmental and military buildings. The company has adapted many scientific solutions in construction, also with the use of artificial intelligence.

## Future plans

F.B.I. TASBUD S.A. aims to increase the number of parallel investments in central Poland as well as continue to execute investments in other provincial cities of Poland. As a General Contractor of construction investments, the company plans to expand its export operations, in particular Scandinavian countries and Africa, including GCC countries.

The company's Board also participates in talks at the highest administrative level on the project of re-establishing vocational schools in Poland. The company continues its construction projects with the use of innovative solutions that significantly improve the efficiency of construction works.



## The company

F.B.I. TASBUD S.A. was established in 1985. The founder and the initiator of this investment and construction company is its current President, Mr Bogdan Czapczuk. Thanks to the growing interest among investors and a complex execution of all the more complicated construction investments, the company underwent a twofold transformation and after a few years it was transformed into a joint-stock company in 2015.

From that moment, the enterprise carries the trade name F.B.I. TASBUD S.A. and employs over 150 workers under a contract of employment only. The company offers various services to Customers, from professional technological consultancy to the execution of works as a General Contractor.



### MULTI-SECTOR ACTIVITY

Thanks to its extensive experience, excellent technical capacity and qualified personnel, F.B.I. TASBUD S.A. can execute many investments from various sectors, e.g. housing, industrial and specialised construction. The company takes an active part in the world of science and cooperates with universities in Poland and abroad. It invests in young staff, which brings employment stability and, with time, a great potential in a form of exclusive, stable and reliable personnel.



### SCIENCE AND RESEARCH SECTION

The company actively participates in the creation of a durable bridge between science and business. It institutionalised this activity in a form of the Science and Research Section, which develops and implements innovative solutions that guarantee technical safety, lower costs of facility exploitation and raised usable standard, and on the other hand – develops scientific issues and publishes new articles.

Numerous scientific publications created in the cooperation with the Science and Research Section shed new light on the issue of artificial intelligence and the development of construction technologies.



### AWARDS AND CERTIFICATES

Throughout its entire business activity, the company has received many awards and distinctions. The most significant ones are: Certificate of Business Credibility, the title of Employer of the year in Construction, Family-friendly Company of the Year 2017, as well as certificates: Youth-friendly Company, Science-friendly Company, the price Architecture of the Year 2016.

The numerous achievements resulted in the company's admission to the circle of the oldest and most distinguished enterprises in the Economic History of Poland for Mazovian Province



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## Contact details

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**F.B.I. TASBUD S.A. is an innovative enterprise with a long tradition, well established on the construction market. Based on its extensive experience, the company uses the most modern technologies in the course of executing demanding projects. The company's mission is to apply innovative solutions and rendering services of the highest quality and at the top level.**

The core business of F.B.I. TASBUD S.A. is General Contracting of construction investments, including public facility, residential, industrial, office buildings and projects for central government and military facilities of restricted access. It also stays focused on specialised developments, including Environmental Engineering. The company designs and constructs cubature buildings in Poland and abroad. It possesses necessary certificates for making specialised installations and pressure equipment.

F.B.I. TASBUD S.A. is an enterprise that values ecology and environmental protection, it has necessary licences for treating hazardous substances, such as: asbestos, mercury, petroleum and a range of other harmful substances. It fosters safe execution of specialist construction works while observing restrictive procedures of conduct. The Company's Board actively participates in the creation of prestigious trade organisations, such as the Eastern Construction Cluster and the Polish Cluster of Construction Exporters. It patronages scientific, cultural, sports and charitable events.

“BASED ON  
EXPERIENCE,  
WE BUILD STABLE  
FUTURE”





**Bogdan Czapczuk**

President of the Board

"Based on experience, we build stable future" – this motto has accompanied me from the beginning of my company. All our projects are based on two golden rules: first, you need to build in terms of quality, diligence, promptness and secondly, you need to have an open mind towards the latest technological solutions that are ahead of its times and foster the company's continuous development.

The success of F.B.I. TASBUD S.A. relies on many factors, but one of the most significant ones is the creation of a strong team of employees who constantly raise their qualifications and know how to share their knowledge and experience, at the same time educating new specialists. F.B.I. TASBUD S.A. operates on international markets and its projects are optimistically welcomed thanks to our promptness and accuracy.

Our active support for the construction industry, e.g. through the activity in the Eastern Construction Cluster, positively affects the image of the entire sector not only in Poland but also on the global scale. It is worth promoting the Polish construction with long experience!



**Andrzej Czapczuk, PhD Eng.**

Vice President of the Board  
General Director

Construction, business and science are elements that comprise TASBUD's know-how. Throughout its history, the company has built a durable and stable bridge between the world of science and business. Based on extensive experience, the company has created the Science and Research Section and appointed F.B.I. TASBUD S.A. Scientific Council, composed of outstanding Professors. Thanks to this, the company's original solutions are welcomed with enthusiasm with regard to their efficiency, reliability, economy and innovation.

The global expansion of the Polish construction is a positive step towards promoting Polish specialist and the management personnel under the Polish auspices. F.B.I. TASBUD S.A. creates conditions for employees that help them raise their qualifications and foster proper working comfort, based on European standards. The company's mission is to execute the most complicated, challenging and prestigious construction projects both in Poland and abroad.



## RESIDENTIAL CONSTRUCTION

Since its beginnings, F.B.I. TASBUD S.A. has erected a number of buildings/complexes within residential construction. The enterprise deals with building residential complexes with underground multi-storey garages, technical infrastructure, offices and the so-called small infrastructure. F.B.I. TASBUD S.A. executes investments of versatile complexity, has experience in reconstructing buildings, also historical ones, with the use of the latest solutions, as well as erecting buildings in very difficult locations and of complex foundations.

As a General Contractor, the company has put into use many multi-storey buildings, including luxurious apartment houses. All investments are conducted in a timely, qualitative and reliable manner, with the observance of top European procedures.



## PUBLIC UTILITY CONSTRUCTION

F.B.I. TASBUD S.A. constructs public buildings of a high standard, adjusted to the needs of all social groups. Its portfolio includes such revitalised and reconstructed investment as: kindergartens, orphanages, hospitals, clinics, medical centres with pitches and roads. F.B.I. TASBUD S.A. was the General Contractor of one of the most original buildings in Warsaw, which is "KADR" Cultural Centre, which the press called the only building in the world with such innovative solutions. For this investment, the company designed and applied many author's and original architectural and construction solutions. The flagship of this investment are movable pixels that can be rearranged in any configurations, creating spectacular spacious captions or graphic signs.



## OFFICE CONSTRUCTION

The enterprise has constructed many office buildings that are the present-day landmarks of the areas where they were erected. With the use of glass and aluminium, modern office construction is characterised by the application of high-quality materials and architectural solutions. Office buildings tend to be provided with catering, technical, hotel and conference facilities. F.B.I. TASBUD S.A. has extensive experience in building office, conference complexes and service facilities of high standards. The enterprise puts into practice its long experience that allows for the application of the latest technologies, adjusted to the Investors' needs as well as guaranteeing their efficiency and reliability.



## INDUSTRIAL CONSTRUCTION

F.B.I. TASBUD S.A. also offers industrial construction in its offer. This type of specialisation involves the construction of warehouses, refrigeration plants and buildings used for generating energy, agricultural production, commercial and service facilities, department stores, service units, gastronomic centres, hotels, conference centres, multi-storey garages and airports. Its industrial construction is developed in accordance with the latest trends and tendencies in the area of environmental protection and energy efficiency. F.B.I. TASBUD S.A specialises in designing and erecting industrial facilities and offers complex services thanks to its technical – engineering – and managerial staff.



## SPECIALISED CONSTRUCTION

F.B.I. TASBUD S.A. possesses comprehensive knowledge and employs specialists in terms of the widely understood Environmental Engineering, applied in such issues as transport, sewage treatment, water supply and treatment, environmental protection, rational use of natural resources, recultivation of water and soil in degraded areas, land improvement, as well as safe storage and treatment of waste. The company is registered in the Office of Technical Inspection, which authorises it to perform specialist networks/installations and pressure equipment. The company also has a licence within managing hazardous substances such as: asbestos, mercury, petroleum and a number of other harmful substances, which allows it to conduct specialised works with safety and observance of the required procedures. Attention paid to the ultimate work environment safety is its top priority. By rule, specialised construction is based on pro-ecological and pro-environmental solutions.



## EXPORT CONSTRUCTION

F.B.I. TASBUD S.A. is also known on the Scandinavian, Eastern European, Asian and African markets, including GCC countries. This type of activity constitutes a vital element of the company's business strategy, targeted at diversifying the directions of its operations. This proves the global character of F.B.I. TASBUD S.A. The enterprise successively expands the segment of export construction. Its core factor are the Polish specialists equipped with knowledge and experience in foreign trade. Export construction is also based on the knowledge of the local environment as well as the company's know-how. An example of this potential is the execution of investments located in Libya and involving the modernisation of plants – cement mills, or the construction of multi-family residential buildings. Its current export operations have led to TASBUD's market position as the General Contractor in Sweden.

## Current achievements

- Over 25 formwork systems on offer
- 150 employees
- Local offices in entire Poland
- Over 6 thousand Customers
- Approx. 650 constructions per year
- 25 years on the market
- 100% Polish capital

## Future plans

- Further growth
- New investments in technology, technique and personnel
- Implementing further, innovative formwork solutions
- Territorial expansion
- Increasing the number of Customers
- Improvements in additional services



## The company

Palisander was established in 1993 as a construction company by two engineers with the share capital of 4,000 PLN. After many years of its activity it employs over 150 workers and owns a considerable, Polish, capital that still remains in the hands of the owners.

At first Palisander conducted construction works. Since 1997 it has offered formwork rental, which has become its fundamental specialisation.

Today's success and current market position mainly relies on the commitment and proper selection of professional staff, internal organisation and logistics solutions, regular improvements in services as well as innovative technical and technological solutions.



### MULTI-SECTOR ACTIVITY

As an independent and the largest Polish formwork supplier, Palisander can acquire any systems available on the market for its rental park.

The most innovative products are implemented faster than with other competing suppliers who offer only their systems.

Such a policy allows for offering Customers the most optimal and modern formwork solutions.



### SCIENCE AND RESEARCH SECTOR

Technical advisors who work for Palisander are qualified construction engineers with rich experience from construction sites. Many of them have worked for the company for years, successively expanding their knowledge within formwork.

Thanks to the long-established experience they are capable of meeting even the most technologically demanding investments, provide assistance and support to construction activities.



### AWARDS AND CERTIFICATES

Our experienced engineer staff ensures professional construction operations.

Qualified Technical Advisors, who have a practical knowledge of working at the construction site, provide assistance already from the moment of selecting formwork.

On the basis of the received documentation they prepare formwork designs and schemes, also for non-standard constructions.



Eastern Construction Cluster  
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**Palisander**<sup>®</sup>  
systemy szalunkowe

**Palisander is one of the leading and largest suppliers of formwork systems with the exclusively Polish capital.**

**Thanks to a network of its local offices, the enterprise provides services to construction sites in entire Poland and Europe.**

Palisander's offer includes a full range of systems: wall, slab, column formwork, systems for constructing engineering facilities, safety systems and other. The company focuses on technically challenging and non-standard projects, requiring out-of-the-box thinking and individual solutions.

Palisander also offers a wide range of logistics and professional technical services as well as additional services that distinguish it among other suppliers. Its complete offer and reliable operations foster the creation and maintenance of durable relations with the Customers, which is Palisander's priority. As many as 91% of Customers continue cooperation with Palisander upon the completion of the first joint construction thanks to the company's quality of services.

CONTEMPORARY  
FORMWORK  
SYSTEMS  
INNOVATIVE  
SERVICES





Mlekovita factory, Wysokie Mazowieckie



A1 motorway



Karolkowa Business Park, Warsaw



Fort Służew residential district, Warsaw



Hampton by Hilton Hotel, Warsaw



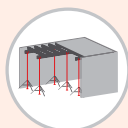
## Wall systems

**MAMMUT** The strongest wall system on the market with durability of up to 100 kN/m<sup>2</sup>.

**ALFA** The most important features of this system are durability to the pressure of fresh concrete mixture of up to 70 kN/m<sup>2</sup>, lightness of materials, wide range of panel widths are the most significant features of this system.

**BETA** The lightness of this system allows for its manual assembly without the use of a crane.

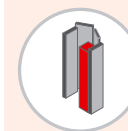
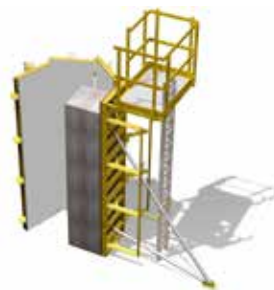
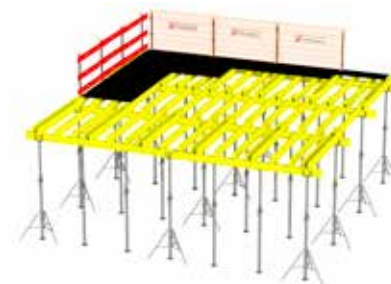
**OMEGA** The system's main advantages: speed of assembly, ideal radius adjustment and durability to the pressure of fresh concrete mixture of up to 60 kN/m<sup>2</sup>.



## Slab systems

**PAL-20** The most popular and known system dedicated to reinforced concrete horizontal constructions. Small number of components makes it easy to use.

**ALU-DEC** Drop heads facilitate easy removal of formwork already after 3 days.

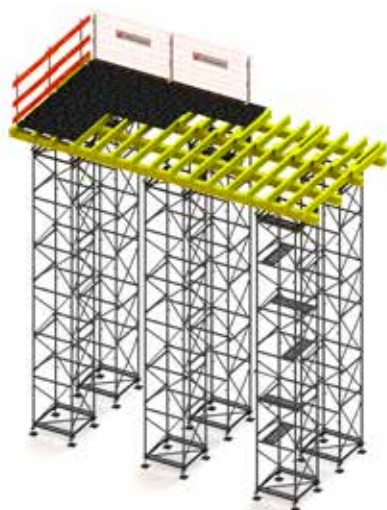


## Column formwork

**PAL-S4** The system allows the execution of reinforced concrete columns of rectangular cross sections and is characterised by durability of up to 80 kN/m<sup>2</sup>.

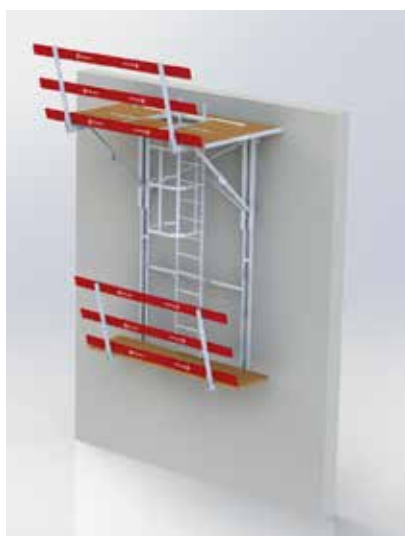
**PAL-SO** A wide range of element height and diameters allows for constructing any type of a round column. Durability of the system: max. 240 kN/m<sup>2</sup>.





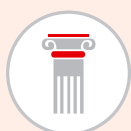
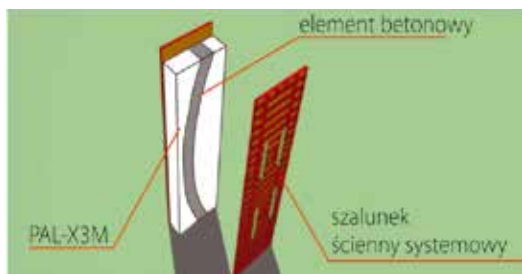
## Shoring systems

- PAL-BS** The construction of the system allows for arbitrary shaping and versatility of applications.
- PAL-MAX** Allows for transferring large loads (up to 233 kN per prop) while using a small number of components.
- ID 15** The system transfers loads of max. 180 kN per prop. A small number and weight of elements make the system easy and fast to use.
- Superslim** The system allows for creating various spacial constructions.
- MEP** The system's high resistance (up to 40 kN per prop) allows for supporting reinforced concrete horizontal structures with the use of a minimum number of props.



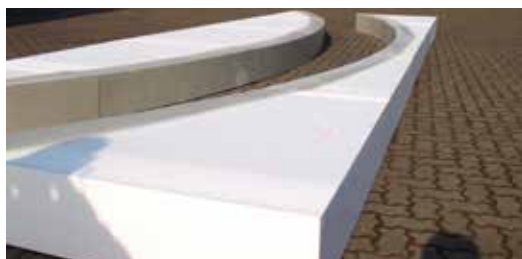
## Safety systems

- BK 180** The folding platform allows for constructing walls in situations where it is not possible to assemble the formwork on the existing element of the construction or on the ground.
- PAL-120** This system facilitates easy vertical construction if the communication passage is not ready.
- PAL-SDW** A trench stairway that provides secure vertical communication during earthworks.
- PAL-BHP** A protection barrier system designed for edge protection of various buildings.
- ALSIPERCHA** This system is used for construction works conducted at heights or near the external edge of the buildings.



## Special formwork

- PAL-X3M** Special formwork made of artificial materials allow for reproducing even the most complicated shapes.



## Current achievements

Initially, MAR-BUD operated as a subcontractor for large construction companies and took part in such prestigious investments as: expansion of the Chopin Airport, construction of Złote Tarasy shopping centre and Legia Stadium (all in Warsaw).

The company erected many office as well as residential and commercial facilities, with cubature of up to 100,000 m<sup>2</sup> per unit and the value of up to 60m PLN. It also gained experience in constructing motorways. We attach great significance to financial liquidity and the feeling of safety for our business partners – Investors, suppliers and subcontractors.

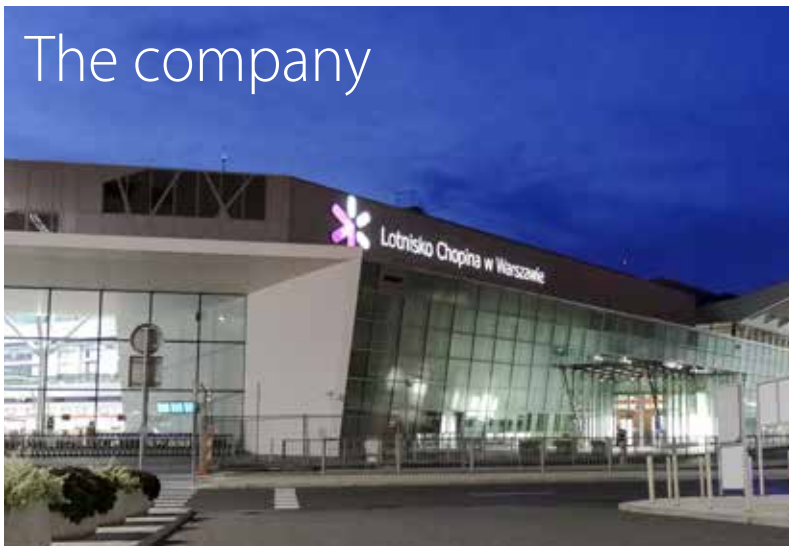
Our wide experience allows us to offer services at the highest level, while maintaining high pace of works and convenient prices.

## Future plans

Following latest trends, since 2005 MAR-BUD has expanded its offer by a wide range of innovations within construction industry (intelligent and energy-saving construction). The company conducts R&D operations that combine complex solutions with regard to the flow, conversion, storage and recuperation of heat energy and cooling with the use of sewage as a bottom source for heat pumps. These activities will result in a logical range of complementary products such as: Cooling Battery and low-temperature energy recovery units from water systems (including sewage).

MAR-BUD also develops its competences within designing and constructing facilities with the use of the BIM technology as coordination support for the pre-execution and execution process.

## The company



### **Mar-Bud Sp. z o.o. Budownictwo Sp. k.** (transformed from Mar-Bud Budownictwo Sp. z o.o.).

Our core activity is:

- general construction of facilities (general construction, including residential and public buildings),
- reinforced concrete constructions of cubature, industrial and engineering developments

We employ highly qualified engineers in all construction aspects, as well as possess our own working potential. We own specialist equipment for executing extensive and complicated RC works, i.e. mobile pumps for concrete, transport services and formwork systems.

MAR-BUD also offers additional services:

- Conducting construction investments as a substitute investor;
- Designing and constructing facilities with the use of the BIM technology;
- Implementing innovative, energy-saving solutions and innovative construction methods for buildings;
- Sales of construction materials for RC works;
- Services within pumping concrete and transporting materials.

## General Contracting

The company's core business activity is General Contracting of the following facilities:

- cubature (office blocks, hotels, shopping centres, residential and sports facilities),
- public (administration buildings, schools, medical care facilities, multi-storey garages, road and railway facilities, cubature and line facilities),
- renovation and modernisation of facilities (including historic buildings),
- engineering (bridges, overpasses, airports, stadiums),
- industrial (plants, warehouses),
- ecological (sewage treatment plants, wind farms, biogas plants),
- railway.

## RC works

The company actively participates in the creation of a durable bridge between science and business. It institutionalised this activity in a form of the Science and Research Section, which develops and implements innovative solutions guaranteeing technical safety, lowering costs of facility exploitation and raising the usable standard, and on the other hand – develops scientific issues and publishes new articles.

Numerous scientific publications created in the cooperation with the Science and Research Section shed new light on the issue of artificial intelligence and the development of construction technologies.

## Innovative solutions for construction, BIM technology

MAR-BUD profoundly expands its offer by innovative, energy-saving and intelligent solutions for the construction industry. The company's offer is enriched with innovative Cooling Batteries, low-temperature energy recovery units from water systems (including sewage) and the BIM technology-based construction.

BIM is an innovative approach towards the entire investment process. It provides tools used for making improvements aimed at designing and preparing investments through a more efficient coordination of all operations.



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## “CONSTRUCTION ON TIME”

Our growth strategy:  
professionalism, innovation  
and reliability.

**The mission of MAR-BUD rests in executing construction investments in accordance with the highest quality standards based on the principles of professional conduct, innovative approach, partnership and reliability. We apply the code of ethics and act with due care for the highest quality of our services, quick time of works and Customer satisfaction.**

The first company from MAR-BUD group, i.e. the Trading and Service Company Mar-Bud Jan Soczewka was established in 1997. The standard scope of the company's achievements were and still are reinforced concrete structures.

Mar-Bud Budownictwo Sp. z o.o. was founded in 2010, as a result of separating the construction activity from the operations of the Trading and Service Company “Mar-Bud” Jan Soczewka. The company's main business activity is general contracting of cubature, engineering, industrial, ecological and railway facilities.

The company's vision is based on experience and innovative approach towards the entire construction process. It is confirmed both by our construction portfolio and the company's development within intelligent and energy-saving construction, characterised by the BIM technology and products, such as the Cooling Battery and low-temperature energy recovery units from water systems.

We build our position in the construction sector on the basis of competence and trust towards our employees and from our partners.





## Legia Stadium at ul. Łazienkowska, Warsaw

**Ordering Party:** POLIMEX-MOSTOSTAL S.A

**Execution:** 01.2009r. - 02.2010r.

RC works at the construction of Legia Stadium, ul. Łazienkowska (Warsaw).

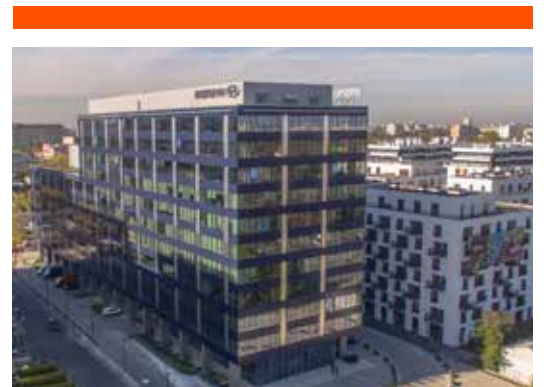


## Warsaw Chopin International Airport – Okęcie

**Ordering Party:** Konsorcjum BUDIMEX - FERROVIAL  
AGROMAN - ESTUDIO LAMELA

**Execution:** 05.2004r. - 10.2007r.

RC works connected with the modernisation of Warsaw Chopin International Airport at Terminal II at the North and South Pier.



## Commercial and office building at ul. Wołoska 24, Warsaw

**Ordering Party:** Ghelamco Poland Sp. z o.o. Sp. k.  
(former Ghelamco Poland Sp. z o.o. S.K.A.)

**Execution:** 12.2014r. - 11.2015r.

**Cubature:** 41 412,91 m<sup>2</sup> P.C.

Complex execution of RC, waterproofing works and steel constructions (4-storey underground part constructed with the subfloor method) as well as other construction elements together with accompanying works. The investment located in Warsaw's Mokotów district, offering approx. 20,000 m<sup>2</sup> of office space and ensuring its highest efficiency, excellent technological standard and eco-friendly solutions.



## Commercial and office building at ul. Mazowiecka 2/4, Warsaw

**Ordering Party:** Hochtief Development Poland Sp z o.o.

**Execution:** 07.2012r. - 07.2013r.

**Cubature:** 4 500 m<sup>3</sup> (total area)

**Value of works:** 13,9 m PLN

General contracting of the building's modernisation together with installations and external area at ul. Mazowiecka 2/4, Warsaw. Reconstruction towards A+ office building, confirmed by BREEAM "Excellent" Certificate.



## Commercial and office building at ul. Nocznickiego, Warsaw

**Ordering Party:** Bouygues Immobilier

**Execution:** 03.2015r. - 08.2016r.

**Cubature:** 8 880 m<sup>3</sup> (total area)

General contracting of the commercial and office building at ul. Nocznickiego, Warsaw.



## "Złote Tarasy" Shopping Centre at ul. Emilii Platter, Warsaw

**Ordering Party:** Hydrobudowa 6 S.A.

**Execution:** 04.2004r. - 04.2005r.

Carpentry and reinforcing works of the building's RC structure.

## Current achievements

At present the group's chief brand – Ceramstic – is one of the most recognised brands in its segment in Poland. Moreover, Vinderen Group has expanded its business activity by another brands that allow for offering a growing number of products connected with interior decoration.

The brand Morgan & Möller is the leader in the architectural concrete market in Poland and Rubtiler has already made its name on the Polish and European markets (e.g. Italy and Germany). We take great pride in the quality of the offered products and an individual approach towards the Customer.

## Future plans

In the future we plan to continue the development of Ceramstic brand but not only on the Polish market. We also want to focus on developing the latest brand that belongs to Vinderen Group – Algaenautic.

We intend to invest in expanding and improving our Rubtiler machine park in order to meet the demand for products made of recycled tyres. We want to constantly raise the quality of the offered products and expand our portfolio.

We plan to continuously invest in technological, organisational and human advancement as well as expand the know-how and skills.



## The company

Vinderen Sp. z o.o., the former Unlimit Sp. z o.o., was established in 2003 and since its early beginnings it has been associated with interior decorations. Recently it has launched a brand connected with the scientific activity.

The company currently employs 60 workers. The Group is composed of brands CERAMSTIC and Balleno (ceramic tiles), RUBTILER (rubber granules and its derivatives as well as alternative fuel), Morgan & Möller (architectural concrete products) and the latest brand Algaenautic (connected with growing Algae).

### Slabs and furniture from architectural concrete



In the production process we apply a spraying method and dedicated mixtures.

With the use of science we have harnessed the concrete's nature, thanks to which our products are lighter than they may seem, at the same time meeting the highest durability parameters.

### Surfaces from recycled tyres



Rubtiler safety rubber surfaces significantly reduce the risk of accidents in places of their application.

They are 100% ecological - produced at the new plant Vinderen, in the full recycling of rubber waste that reduces its harmful impact on the environment.

### Ceramic tiles



Ceramic tiles have always been popular. They can be divided in 3 categories, depending on their use: gres, glazed and floor tilings. The tiles come in thickness of up to 10 mm and many shapes (e.g. 60x90cm, 30x90cm, 120x60cm). The tiles can be used in many places both inside and outside of the house. The most durable gres tiles are perfect for exteriors as they are wear- and frost-resistant.



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# Vinderen

**The driving force of the group is Vinderen Sp. z o.o., the former Unlimit Sp. z o.o., established in 2003. The group is comprised of such brands as CERAMSTIC, RUBTILER, Algaenautic, Morgan & Möller.**

**The company conducts both commercial and production activity. It holds business contacts at the B2B level.**

Ceramstic brand is well known on the Polish market for its rich offer of ceramic tiles, gres tiles and mosaics. Ceramstic collections, designed by i.a. Italian designers, address the latest décor trends. Inspired by nature and the most fashionable architectural materials, Ceramstic tiles are perfect in every detail. Our collections have been awarded with e.g. the Consumer's Laurel and now, year by year – the most prestigious title in the tiling sector – Pearls of EU Ceramics.

Another brand in Vinderen's portfolio is Rubtiler – safety rubber surfaces. Rubtiler products significantly reduce the risk of accidents in places of their application. They are 100% ecological - produced at the new plant Vinderen, as a result of full recycling of rubber waste that reduces its adverse impact on the environment.

Its latest brand is Morgan & Möller, which offers concrete slabs, furniture and décor made of architectural concrete as well as products on demand.

“Vinderen Group is a well-oiled, high-end mechanism. Like a Swiss watch, the Group is composed of a number of elements driving one another and capable of facing the most demanding challenges.”

## RUBTILER

## MORGAN & MÖLLER

## Vinderen MIKSPOL

## CERAMSTIC



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## Mariusz Bruliński

President of the Board

I spot business opportunities in places invisible to others. And I turn them into success. I incessantly explore the market, track its dynamic changes and know how to be flexible. I observe a wide range of business opportunities and search for most convenient niches that allow for intensive development of my brands and companies.

I opened my business in 2003. I have been close to interior decorations from the very beginning. That is why I created Ceramstic at that time. At present it is one of the most recognisable brand in the Polish tile sector. I decided to focus on ceramic tiles, provide them with marketing support and search for the most convenient distribution channels. As of today, Ceramstic tiles are sold both in the largest networks of DIY stores (e.g. Castorama, Leroy Merlin, Praktiker, Obi) and on the traditional market, also via leading distributors of bathroom fittings.

I attracted a trustworthy team of competent employees. From the beginning the business grew without scratch. Hence, I decided to expand the activity. In 2009 I founded Vinderen Proeco Sp. z o.o., a company primarily aimed at introducing to the Polish market pro-ecological products of versatile use as well as an innovative technology of their sourcing. A year later I acquired a plant in Sochaczew that produces construction chemicals and has 30 years of experience as well as experienced staff. I transformed Unlimit Sp. z o.o. into Vinderen Sp. z o.o., simultaneously creating another company – Vinderen Mikspol Sp. z o.o. Since that moment we can talk of Vinderen Group.

of boards, worktops, furniture and other elements of interior decoration as well as small architectural concrete elements. This led to the creation of a new brand of these products – Morgan & Möller. I also opened the brand's showroom at the Stara Fabryka Koronek (Old Lace Factory) in Warsaw, a place popular with designers, architects and other enthusiasts of good design.

In the meantime I noticed a great potential in rubber granule products, made of recycled rubber tyres. I decided to establish one more brand – Rubtiler, a manufacturer of safe and ecological rubber surfaces, granules and alternative fuel. Co-financed by the EU funds, I built a factory for full tyre recycling in Sławno (Łódzkie Province).

## Alternative fuel

Alternative fuel is made of used tyres. Their energy value is higher than coal and equals 31.4 kJ/kg, therefore it is an ideal substitute in industrial installations. Our fuel is characterised by a small fraction of max. 25 mm and homogenous composition (we only use passenger car tyres for production). However, tyres can be combusted only in special incinerators that ensure the combustion temperature of above 1000°C, e.g. rotary kiln incinerators in cement factories.

The combustion process in such incinerators does not raise the levels in the emission of main gaseous pollutants: SO<sub>2</sub>, NO<sub>x</sub> and CO. On the contrary, it is possible to generate lower NO<sub>x</sub> concentration than in case of combusting other fuels.

## SBR granules

Ecological rubber granules is the product of tyre recycling. It is made of minimum 90% of truck tyres. It is free of steel and textile contamination and offers 99.9% of cleanliness. In response to the Customers' needs, we offer granules in many colour versions.







## MORGAN & MÖLLER

Architectural concrete MORGAN&MÖLLER is a material that offers great design possibilities not only in terms of shapes and sizes, but also colours and textures.

Morgan & Möller is an architectural concrete brand. For the time being it offers the most comprehensive products on the Polish market, being remarkably original in its designs and flexible towards Customers' needs. We offer concrete slabs, structural decors and patterns, furniture and decorative accessories, as well as bathroom and kitchen fittings.

Morgan & Möller products are addressed at a demanding Customer who knows trends in design and has an open mind towards non-standard interior decorations. We are proud to have a Showroom, where our Customers can get familiarised with our offer and consult our designers.



## RUBTILER

RUBTILER is a brand of safety rubber surface, rubber granules and artificial grass. The recipients of RUBTILER products are mostly the contractors of sports facilities and playgrounds, property developers and individual clients. The company also manufactures alternative fuel and steel cord, products of full recycling of rubber waste.

In 2013 the company opened a factory in Sławno, where the entire production takes place. The plant was designed with an intention to protect the environment. The same idea led to planning the factory's operations and its functioning.

We equipped it with a state-of-the-art and energy-efficient machine park of high predictability. The Research and Development Unit, provided with highly innovative laboratory on the factory's premises, conducts work on Rubtiler development and innovation.



## CERAMSTIC

Ceramstic brand is well known on the Polish market for its rich offer of ceramic tiles, gres tiles and mosaics. Ceramstic collections, designed by i.a. Italian designers, address the latest décor trends. Inspired by nature and the most fashionable architectural materials, Ceramstic tiles are perfect in every detail.

Our collections have been awarded with e.g. the Consumer's Laurel and now, year by year – the most prestigious title in the tiling sector – Pearls of EU Ceramics.



Thanks to the fact that Galmet is also a manufacturer of domestic hot water exchangers that together with collectors constitute the most significant elements of the solar system, we can offer complete solar systems.



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**Galmet is a renowned producer of flat solar thermal collectors for heating domestic hot water and water in swimming pools. We offer brass and aluminium collectors with the area of 2.1 or 2.7 m<sup>2</sup>.**

The appliances are characterised by high efficiency confirmed by the quality certificate Solar Keymark. Our products are collectors with a double-harp, ultrasonically welded absorber, a tempered, prismatic glass pane with high permeability of sunrays as well as a patented, aluminium frame, bent from a single element that, together with the pressed mineral wool, guarantee the highest level of the collector's insulation.





## CENTRAL HEATING BOILERS

Central heating boilers offered by Galmet comply with the requirements of class 5 of EN 303-5:2012 standard and the EcoDesign directive. They ensure heat necessary for heating the house and domestic water.

Eco-pea coal boilers Galaxia provide high thermal efficiency. The combustion process is automatic thanks to the innovative regulator eLider, which allows for remote steering of the boiler with the use of a smartphone or tablet. Available powers: 15, 18 and 22 kW.



## STORAGE WATER HEATERS

Galmet storage water heaters allow for effective storage of hot water and its use at any moment. They can be integrated with heat pumps, solar collectors and various boilers that run on, e.g. gas or solid fuels.

Floor-standing storage water heaters SGW(S)B Tower Biwal are equipped with 2 spiral coils for 2 heat sources. We offer volumes from 200 to 3,000 l. The heater's insulation is made of polyurethane foam and its casing – an artificial or skay jacket.





## HEAT PUMPS

Maxima heat pumps operate in the ground-water system, thanks to which they obtain energy from the ground and transform it into the energy required for heating. It is the most effective solution for heating houses, domestic water and water in swimming pools. Equipped with a touch screen controller, they offer functional comfort and steady operation regardless of weather conditions.



## EXTERNAL HEAT PUMPS

Airmax2 external heat pumps operating in the air-water system allow for significant reduction of costs connected with heating houses and obtaining domestic hot water. They are installed outside the house and their assembly does not require drillings, only hydraulic and electrical connections.



## ECOLOGICAL HEAT PUMPS

Spectra ecological heat pumps operating in the air-water system allow for obtaining energy from the air and its effective transformation into the energy necessary for heating domestic hot water. The air heat pump is equipped with a large, 200 l tank, which guarantees comfortable use for the entire family or constitutes an external water heater in the existing system.

## Current achievements

Our over 20-year-long experience has allowed us to achieve a perfect production process. Based on well-established investments in most innovative devices, PLASTIMET currently manufactures over 140,000 PVC windows per year. Approximately 40% of them are dedicated to export, but the company chiefly focuses on Eastern European markets – Lithuania, Latvia, Estonia and Kaliningrad Oblast.

The combination with the manufactured aluminium carpentry and fire-resistant joinery allows for generating annual profits on sales at the level of 70m PLN. The Portfolio of Customers is composed of both private investors as well as general contractors, developers and other public or state-owned institutions. Our products are distributed by a network of qualified business partners.

## Future plans

In the near future the company plans to complete the last stage of integrating all manufacturing plants in one common production and storage complex under the name of PLASTIMET Mazuria Joinery Centre in Niedźwiedzkie. This shall bring the company numerous benefits, such as lowering the cost of the company's operations through optimising scattered manufacturing and logistics processes, or improving the process of quality management.

We also hope that the expected launch of a highly automated technological chain used for the production of innovative windows PLASTIMET CLICK-ONTM, based on the author's system of window profiles of module-based structure, shall bring PLASTIMET a technological advantage inaccessible to most manufacturers in this sector.

## The company

"Since the very beginning of its operations, namely since 1991, PLASTIMET has dealt in PVC window and door manufacturing. In 1995, in its response to the Customers' expectations and based on the systems of profiles made by a renowned producer – Aluprof, the company launched the production of aluminium joinery.

In 2002 the company started the production of fireproof joinery as a means of diversifying its activity. This solution addressed the growing demand on the market and was well received.

In 2011 the company built and opened an innovative centre for window profile extrusion in Niedźwiedzkie, as a result of which PLASTIMET launched PLASTIMET ELITE windows, based on the original system of window profiles.

In the years 2015-2017, the extrusion centre was expanded by a production hall and a seasoning material buffer with an internal transport module. At present the area of the entire complex covers over 16,000 m<sup>2</sup>."



### PVC carpentry

PVC windows and doors are manufactured on the basis of original systems of window profiles ELITE and CLICK-ONTM as well as a renowned German system provider – GEALAN.



### Façade systems and fire-resistant joinery

Post and beam endwalls, semi-structural façades and beam fire-resistant façades EI15 and EI60. Within fire-resistant joinery we offer e.g. fire-resistant walls in EI120 class (MB-118EI), as well as internal and external fireproof partitions with doors in EI15 to EI90 class.



### Aluminium joinery

Windows and doors as well as display windows and spacial structures with and without thermal insulation in window and door systems of the largest aluminium profile manufacturer in Poland – ALUPROF, and one of the world's largest supplier of aluminium solutions – SAPA.



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PLASTIMET  
is a brand with over 25  
years of tradition.



PLASTIMET has operated on the woodworking market since 1991. Throughout the last dozen years of consistent investment both in the latest technological solutions as well as the development of the human capital, it was possible to establish a European company in the Polish reality, being not only a manufacturer and exporter, but also a reliable contractor and coordinator of all works connected with PVC joinery, glass elevations, display windows, fire-resistant partitions and doors as well as aluminium joinery.

This is confirmed by numerous awards and distinctions that PLASTIMET has won for the current operations, such as: Business Gazelle awarded in 2014, 2015, 2016; Market Leader of Innovation – Leader of the 5-year period 2012-2017; Export Eagle of "Rzeczpospolita"; Forbes' Diamond; Silver Construction Pillar at the 28th construction fair in the category Window and Door Joinery.

"PLASTIMET's overall objective is providing highest-quality products and services in a planned and supervised manner. This is the road to earning full trust of the Customers and gaining the opinion of a credible partner."





## Lukasz Ostrowski

Sales Director / Commercial Representative

The year 2017 shall go down to PLASTIMET's history in an exceptional manner. On the one hand, the execution of the last phase of concentrating production in one common manufacturing and storage complex, on the other – launching a highly automated technological chain, thanks to which we implement an innovative PLASTIMET CLICK-ONTM window. These measures constitute a peculiar milestone in the company's history and reflects the execution of our development strategy.

However, it should be emphasised that apart from technological aspects, an immensely crucial factor that distinguishes PLASTIMET among other companies is undoubtedly experienced and trusted managerial, trading, coordinating and executive staff, whose contribution and engagement in performing the assigned tasks guarantees efficient and professional operations at each stage of executing investments. Businesswise we continue to achieve bilateral satisfaction that results from successful cooperation; therefore we concentrate on establishing long-term and partnership relations. Our priority is to earn the Customer's trust in the feeling that we provide care at each stage of cooperation.

From professional consultancy, through preparing a fully compliant offer, handling orders to transport planning and final acceptance – we maintain a regular contact with our business partners. They also value our efficient post-sales service and support that we provide already upon the warranty period.

In the interest of the highest quality of our products, we apply rigorous quality control procedures in the entire manufacturing process, based on the implemented ISO 9001:2008 quality management system and 14001:2994 environment management system. Moreover, all products manufactured and supplied by PLASTIMET are provided with the binding certificates and permits applied in construction.

The research and development section is equipped with a window inspection unit which conducts independent inspections pursuant to the binding standards. This also ensures conducting all sorts of prototype research in the scope of innovative technical solutions or new types of structures.



## PLASTIMET ELITE

Window in original system of PVC window profiles.

### Main advantages:

- 6-chamber system of PVC profiles with installation depth of 80 mm.
- Wide 90 mm profile of a semi-faced sash.
- Small lateral height of profiles – 110 mm.
- Possible use of glazing with thickness from 24 mm to 44 mm.
- Reliable fittings of the renowned German manufacturer ROTO NT.



## PLASTIMET S9000.

Window in original system of PVC window profiles.

### Main advantages:

- 6-chamber construction of the frame and the sash.
- Installation depth at the level of 83 mm.
- Intelligent system of distributing gaskets on three planes.
- Additional gasket in the glazing rebate.
- Reliable fittings of the renowned German manufacturer ROTO NT.

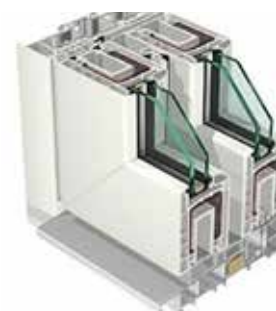


## PLASTIMET MB-77HS.

Hoisted-sliding door in ALUPROF MB-77 HS aluminium system.

### Main advantages:

- Wide range of fills as well as thermal manifolds and insulation inserts allow for obtaining the structure's very good heat and acoustic parameters.
- Closed shape of glazing strips and anti-burglary details ensure higher anti-burglary parameters.
- Wide range of colours.

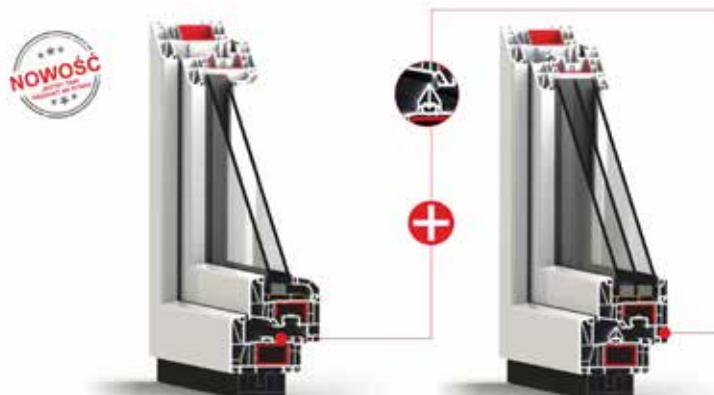


## PLASTIMET HST S8000.

Hoisted-sliding door in PVC GEALAN S8000 IQ system.

### Main advantages:

- Great dimensional possibilities allow for managing any glazing spaces.
- Allows for space economy in the room through eliminating traditional manner of door opening.
- Effortless handling of lever mechanism.
- Possibility of remotely-controlled opening and closing the door.



## PLASTIMET CLICK-ON™ AD/MD.

An innovative window in original PVC window profile system of modular structure.

### Main advantages:

- 6-chamber frame profile with installation depth of 80 mm.
- Non-faced 80 mm sash profile with 6-chamber structure allowing for glazing with compounds 44 mm in thickness.
- Reliable fittings of the renowned German manufacturer ROTO NT.
- Two variants: with two glazing gaskets in AD version and with additional original module of MD medium gaskets.
- Possibility of refitting the AD version with medium gasket module at each stage, even upon window installation.





## PLASTIMET MB-86 ST / SI / AERO.

Aluminium carpentry in a window and door system ALUPROF MB-86 ST / SI / AERO with thermal insulation.

### Main advantages:

Aluminium carpentry in a window and door system MB-86 is a product of excellent parameters that allows for satisfying various needs of the users. The structure of system shapes is provided with 3 variants, depending on the requirements of heat energy economy: ST, SI and AERO. MB-86 is the world's first system of aluminium windows and doors with the application of aerogel – a material of ideal thermal insulation. One of the benefits of MB-86 system is also high profile durability that ensures the construction of structures characterised by large dimensions and considerable weight.

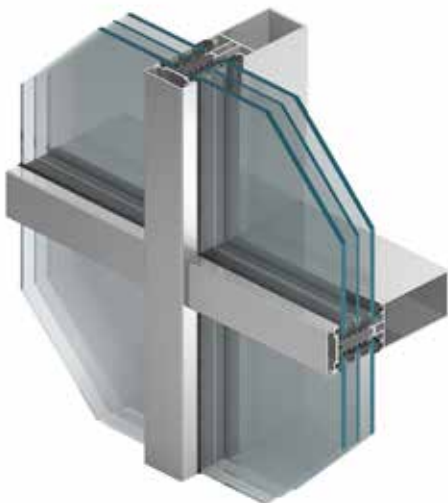


## PLASTIMET MB-78 EI / MB-78 EI DPA

Fire-resistant partitions in ALUPROF systems with doors class EI15 to EI90.

### Main advantages:

The system MB-78 EI is used for constructing internal and external fire-resistant partitions with single- or double-sash doors in the fire resistance class EI 15, EI 30, EI 45, EI 60 or EI 90, according to the standard PN-EN 13501-2:2010. The structure's resistance to high temperature is ensured by special elements of fire insulation GFK or CI as well as steel accessories and fittings. The system MB-78 EI DPA is used for constructing fire-resistant partitions with automatically single- or double-sash sliding doors in the fire resistance class EI 15 or EI



## PLASTIMET MB-SR50N/HI/HI+.

Mullion and transom curtain wall in the system ALUPROF MB-SR50N/HI/HI+.

### Main advantages:

The system is dedicated for constructing and performing light shield and flat walls (suspended and filling) as well as roofs, skylights and other structures. The shape of the mullions and transoms allows for constructing aesthetic façades with visible narrow dividing lines, ensuring durability and resistance.

The versions of particular interest are: MB-SR50N HI with improved thermal insulation and special double-chamber insulators, and MB-SR50N HI+ with high thermal insulation and an insulator made of PE material that ensures thermal insulation at the level of  $U_f$  from  $0.7 \text{ W/m}^2$ .

## Current achievements

We create our current and future business activity on the basis of solid foundations: experience, quality and innovation. At the same time we listen to the Customer and constantly adjust our offer to his needs as well as raise the level of quality of provided services. By offering technical solutions, we have earned the trust of both our business partners and users. KAN is perceived as a reliable and trustworthy partner.

Our goal is to provide products that ensure comfort and perfect operation of the installation, thanks to which the user can enjoy full safety. We aim at maximum simplicity and promptness of assembling our systems. Caring for the users' health, we provide top-quality products, manufactured and used in accordance with the natural environment.

## Future plans

On 26 April 2017 we commenced the construction of a new manufacturing and storage plant in Troisdorf near Cologne, Germany. This will allow us to expand the loading and unloading space up to the total area of 1,100 m<sup>2</sup>. In Poland we expand the production hall and the warehouse, and we plan further investments in the state-of-the-art machine part as well as increasing employment.

Our KAN logistics and production centre was established in 2016 in Białystok economic subzone and covers 7 hectares. The Centre is constantly expanded and its current area is over 12,500 m<sup>2</sup>, including 4,000 m<sup>2</sup> of the manufacturing space, 7,500 m<sup>2</sup> of warehouses and over 1,000 m<sup>2</sup> of office space.

## The company

We have manufactured KAN products for over 30 years. In the meantime we have developed high standards on manufacturing, product quality and their environmental impact. The production is conducted under the strict supervision of a perfectly equipped research laboratory. The manufactured elements are also audited by external laboratories.

The production and the entire business activity of the company complies with the quality management system ISO 9001:2008, certified by the renowned Lloyd's Register Quality Assurance Limited. KAN-therm systems contribute to meeting ecological requirements in the contemporary construction, in accordance with the conditions for systems used for evaluating the buildings' energetic efficiency their environmental impact.

KAN supports construction and material solutions in accordance with the idea of sustainable and ecological construction. The use of KAN-therm installations may lead to reducing water consumption in the building as well as optimising energy consumption, which may improve thermal comfort in the rooms. This also guarantees healthy drinking water of consistent quality. Those investors who are close to the idea of sustainable construction, select KAN-therm systems in order to improve the ecological values of their buildings.



## Heating and cooling systems

KAN-therm heating or cooling water system offers a range of complete installation systems that vary in materials as well as the structure of pipes and connectors as well as manner of their coupling. Thanks to rich diversity of solutions, it is possible to construct any type of heating or cooling installation.

## Floor heating and cooling systems

KAN has promoted innovative, energy-saving and user-friendly floor or wall heating and cooling systems. A wide range of available solutions and a rich assortment of manifolds, installation cabinets and automation elements allows for the selection of the best system, optimally adjusted to the specifics of a given investment.

## Hot and cold water systems

KAN-therm systems constitute an ideal solution for executing internal water installations that guarantee the provision of cold and hot tap water.



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SYSTEM **KAN-therm**

**KAN Group is an experienced manufacturer and supplier of innovative solutions and installation systems KAN-therm. Since 1990, which marked the beginning of its business activity, KAN has established its position on strong pillars: professionalism, innovation, quality and development.**

**Today it employs over 700 persons in a network of branches across Poland and its local offices in Germany, Russia, Ukraine, Belarus and Hungary.**

The products with KAN-therm logo are exported to over 60 countries, its distribution network covers Europe, a significant share of the Asian market and reaches Africa. KAN-therm is an optimal, complete installation multisystem composed of the latest, complementary solutions within heating and water as well as technological systems.

KAN-therm ideally reflects the vision of a universal system based on long experience and passion of KAN constructors as well as rigorous quality controls over raw materials and finished products that comply with the requirements of sustainable construction.

## Innovative water & heating systems



## Intelligent wireless automation system for floor heating

The system KAN-therm SMART is a complete, modern system of steering temperature in a room that, thanks to the Internet connection, allows for its operation from any place in the world with the use of a laptop, tablet or computer.



## MARCIN ROŻKO

Project Manager for International Customers

For 3 and a half years my task has been to develop KAN-therm brand on international markets. We successfully compete against other, renowned European companies on that field. Our Customers value our company mainly for impeccable quality that we achieve thanks to extremely high standards, frequently exceeding the accepted norms. It is monitored in our professional and innovative research laboratory. The production is controlled at the manufacturing stage, and the finished product is constantly monitored through inspecting technical parameters of pipes and fittings as well as by means of long-lasting stress tests.

Additionally, we have implemented an advanced system of quality management that is executed in KAN plants and laboratories. Through the complex approach to each execution, our technologists and constructors incessantly create innovative, original solutions. KAN-therm system includes not only pipes and fittings, but primarily the know-how communicated by our technical consultants at training courses. Currently KAN-therm solutions can be found in villas in the United Arab Emirates, skyscrapers in Qatar, hotels in Brazil and residential areas in China.

The expansion towards new markets is always preceded by the analysis of formal requirements and the acquisition of relevant certificates and permits required in a given country. Every year, KAN group participates in international fairs – from Frankfurt am Mein, Moscow, Kiev, Dubai to Mongolia's Ulan Bator, Kazakhstan's Almaty, Shanghai and Sao Paulo. KAN-therm system provides a 10-year warranty, safety of use and 50-year exploitation durability, which is confirmed by many international tests.

Today KAN-therm system is comprised of installation systems, an expanded system of surface – floor-, wall- and ceiling-type heating as well as steering automation and 2 sprinkler systems. This system is constantly expanded and improved. Year by year KAN group extends its offer by nearly 100 new elements.

## KAN-therm Press system

KAN-therm Press system is a modern, complete installation system comprised of polyethylene, multilayer pipes and PPSU or brass fittings within a range of diameters  $\varnothing$  16-63 mm (pipes available in the diameters of  $\varnothing$  14-63 mm). The system is dedicated to internal water supply systems (hot and cold tap water), central heating or cooling systems, technological heat and industrial installations (e.g. of compressed air). The Press connection technology involves pressing a steel collar on the pipe mounted on the coupling collar. The collar is equipped with O-Rings, ensuring the tightness of the connection and faultless operation of the system.



## KAN-therm Steel system

KAN-therm Steel system is a complete, innovative steel installation system comprised of precise pipes and fittings manufactured from high-quality carbon steel (covered with an anti-corrosive thin zinc layer from the outside) within a range of diameters 12 – 108 mm. The system is dedicated to internal closed, pressurized heating and cooling systems. Its assembly is based on a fast and easy "Press" technique, namely pressing fittings on the pipe. Tightness is ensured by special ring seals (O-Rings) from rubber resistant to high temperatures and a three-point "M"-type jaw, which guarantees long-lasting, faultless exploitation.



## KAN-therm PP system

KAN-therm PP system is a complete installation system comprised of pipes and fittings made of thermoplastic artificial material, polypropylene PP-R (type 3) within the range of diameters 12 – 110 mm. Connecting elements involves muff welding (thermal polyfusion) with the use of electric welders. The welding technique, thanks to its homogeneous combination, provides outstanding tightness and mechanical strength of the installation. The system is dedicated to internal water supply systems (hot and cold tap water) as well as heating and cooling installations and technological installations in the industry.



## Complete installation multisystem

KAN-therm system is a complete installation multisystem for constructing internal water supply, heating and technological installations. It is comprised of innovative, complementary technical solutions that differ in terms of pipe and fitting material structure as well as the connecting technique.

Pipe-type, water installation systems KAN-therm (plastic and metal systems) are used in heating and water technology which is used in residential, public utility and industrial construction, both in new investments and modernised buildings.

The high quality of materials within KAN-therm system guarantees long and faultless operation of all installations.



## KAN-therm system

KAN-therm system is comprised of:

- pipes made of high-quality polyethylene and polypropylene materials as well as steel,
- complete assortments of system fittings with reliable and fast connecting systems,
- a rich set of supplementary elements (manifolds, installation cabinets, accessories),
- durable and safe tools.

Depending on the type, size and specifics of its installation, KAN-therm system offers a selection of the following solutions:

- heating and cooling systems as well as tap water systems,
- floor heating and cooling systems,
- wall heating and cooling systems,
- heating and cooling systems for external surfaces,
- fire extinguishing systems,
- technological and industrial systems.



## Mobile applications

We also offer mobile applications:

- **KAN Mobile App** – all price lists, instructions, manuals, calculators and contacts within reach at all times,
- **KAN Smart Control** – an intelligent tool for monitoring and regulating temperature in entire house from any place in the world,
- **KAN Quick Surface** – for assisting in everyday work, accelerating the process of configuring surface installations.

## Current achievements

1. A modern manufacturing plant in Zambrów (Podlaskie Province) that employs over 300 workers.
2. A sound position on the market of construction materials on the British Isles.
3. Numerous awards and distinctions.
4. Presence on the markets of over a dozen countries across four continents.

## Future plans

1. The construction of a new manufacturing plant, which will allow for increasing employment up to 500 workers and improving the manufacturing capacity.
2. Increasing the sales share in markets operated so far.
3. Expansion to further markets in Europe and on a global scale.



## The company

Keylite RW Polska Sp. z o.o. is a daughter company of Keylite Roof Windows Ltd established in 2005. Both companies are a part of Keystone Group – one of the leading manufacturers of construction materials in the United Kingdom. Since the very beginning, its core business has been the production of wooden roof windows and loft ladders.

Keylite RW Polska initially provided only semi-products for the needs of the final production that took place in Great Britain. However, the product's constant growth and growing competences of the employees brought gradual shifts of subsequent production stages to Poland.

For the time being the entire manufacturing processes as well as research and development take place in Zambrów. Another stage in the company's development will involve the construction of modern manufacturing halls that allow for increasing the company's employment capacity up to 500 workers and doubling its production potential.

### Roof window Keylite Futuretherm CP

The roof window Keylite Futuretherm CP is the most popular type of a window manufactured by Keylite. It combines long experience in designing and manufacturing roof windows with innovations suggested by our users and installers. Keylite Futuretherm is e.g.: expanding thermal collar allowing for closing any spaces between the window frame and the roof's structure, guaranteeing fast assembly, pre-installed Flick Fit brackets and low window framing in the roof that allows for even better limitation of heat loss.

### Fire escape roof window Futuretherm FE

The fire escape roof window Futuretherm FE is a solution that allows for unobstructed evacuation from the loft in emergency situations. Its special structure guarantees opening the sash up to 45 degrees, which makes it not only compliant with requirements for fire escape paths but also extremely functional. The flap structure of the window FE means more space for the head and a free access to the roof, combined with innovations known among other Keylite products.

### Keylite Loft Ladder

The Keylite Loft Ladder is a product in 100% aimed at future installers and users. Fast and effective assembly is ensured by pre-installed Flick Fit brackets and the possibility of easy disassembly – by ladders. A thick insulated trapdoor, a pre-installed handrail and slip-resistant treads guarantee long and trouble-free exploitation. Keylite Loft Ladder is an ideal solution allowing for unobstructed access to the loft for many years.



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## Contact details

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## Okna dachowe

Keylite RW Polska is a part of Keystone Group – one of the leading manufacturers of construction materials in the United Kingdom. Since 2005 we have manufactured roof windows and loft ladders.

Keylite roof windows – a key to the light side of life.

Initially, the company's products were targeted at the Irish and British markets. Together with increasing the manufacturing capacity, we commenced sales to other countries. At present our windows and loft ladders are purchased by customers from over a dozen countries across four continents. The most significant ones are: the United Kingdom, Poland, Russia, the Netherlands, Germany, Belarus, the Philippines, Australia and New Zealand.

The main advantage of our products is their innovation – we continuously work on new solutions that allow for raising the comfort of assembly and use of our products. We believe that regular work on mastering our products as well as listening to the opinions and suggestions of our Customers and users of our products, will bring us success on the extremely demanding market of construction materials.



# Offer

## MARIUSZ KOWALCZYK

Director of Keylite RW Polska

At Keylite RW Polska we perfectly know that in order to achieve success in a challenging market of construction materials, we need to focus on constant development. This process should take place in a multi-dimensional manner and concern all aspects of the company's operations. Therefore, our enterprise continuously grows in all fields of its activity. We decided to invest in infrastructure – this year we plan to construct a new production hall with a state-of-the-art machine park, which will allow for doubling our production capacity and expanding the working team up to 500 people.

Increasing the manufacturing potential allows us to stay open to new, so far inaccessible markets, such as Germany, France and Australia. New expansion directions force us to launch new products that address the tastes and expectations of local recipients.

Teams of our engineers incessantly work on new solutions that provide new products as well as improve the manufacturing process. In order to extend and improve the attractiveness of our offer, we always rely on the opinions and suggestions of the users as well as installers – we do our best to make our products user-friendly for their installers and later – users.



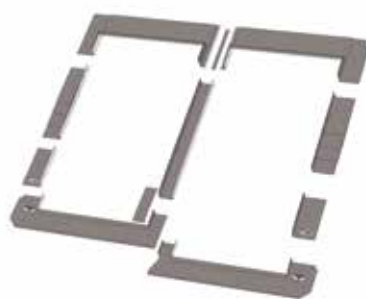
## White roof windows

Keylite white roof windows are an option for rooms of increased moisture parameters such as: kitchen, bathroom, drying room, where the windows are exposed to a long effect of vapour. The application of top-class white acrylic paint makes the windows totally resistant to moisture, at the same time ensuring the carpentry a contemporary and elegant look. Keylite white roof windows are the same solutions and innovations as pine-colour windows, combined with increased resistance to moisture and an elegant design.



## Roof windows in a natural pine colour

The roof windows with a natural pine colour finishing are a tried and tested solution that allows for effective loft lighting. The natural colour of pinewood ideally matches almost every interior. A wide range of innovative technical solutions make Keylite roof windows look modern and elegant, as well as easy to assemble and deliver excellent heat insulation properties. 30 different window sizes allows for selecting an optimal offer for every, even the most complicated investment. The application of top-class raw materials and components ensure the windows' 10-year warranty period.



## Felt collars

In order to ensure proper assembly of the roof window, combine it with the roof, you need to use a felt collar. With regard to the diversity of roof-covering materials and techniques, Keylite created 4 felt collars that allow for mounting our roof windows in combination with almost any currently used roofing. These are:

- SRF Collar – for flat roof coverings;
- TRF Collar – for roof coverings of height up to 45 mm;
- DTRF Collar – for roof coverings of height up to 90 mm;
- PTRF Collar – for tiled roof coverings.

Keylite felt collars also allow for combining windows in sets: horizontal, vertical and block-like.





keylite®

Okna dachowe

Keylite roof windows  
a key to the light side of life.

## Current achievements

- 20 years on the construction chemicals market,
- strong own brands,
- groups of products renowned in Poland and abroad,
- own research laboratories and production lines,
- complex storage depots,
- qualified personnel,
- production under the Customer's brand,
- comprehensive opportunities and flexibility in creating products adjusted to specific needs.

## Future plans

- extending storage depots and production lines,
- launching new products,
- acquiring new markets in Poland and abroad,
- non-conventional promotional activities.



## The company

Unicell Poland Sp. z o.o. with the Polish and Dutch share capital was established in 1998. Its core business involves manufacturing and distributing construction chemicals. The company continuously develops its technological and research potential.

Thanks to following global trends, implementing innovative solutions and contemporary technologies, the production processes and the related machines are regularly modernised and improved. One of Unicell's priorities are measures aimed at developing and implementing solutions that will have a neutral impact on the natural environment or human health.

On the basis of these measures, the new lines of products are to be completely free of any hazardous substances, such as: volatile organic compounds (VOC), heavy metals and all sorts of allergens, guaranteeing consistently high quality.

## Paint and construction chemicals



**PRIMACOL**<sup>®</sup>  
PROFESSIONAL

A line of products used at the stage of constructing and finishing the house. It is comprised of e.g.: paints, primers, glues, impregnating and cleaning agents, pigments for paints and additives for concrete.

## System of creative decorations



**PRIMACOL**<sup>®</sup>  
DECORATIVE

A line of products dedicated to creating decorative effects inside houses and flats. It is comprised of e.g.: structural paints and pastes, decorative plasters, stucco, varnishes, products imitating the colour and structure of natural concrete, decorative paints as well as stencils and stickers. Indefinite number of decorative effects that can be used for any decorative style – from classics to modernity.

## Wood protection and decoration



**LuxDecor**

A full offer of wood protective and decorative agents. Varnishes, oils, impregnates for any applications connected with wood. Effective, ecological, environment-friendly.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

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## **Unicell Poland**

Unicell Poland – a dynamic company

Unicell Poland is a Polish-Dutch manufacturer and distributor of construction chemicals. Its portfolio is rich in such brands as: Primacol Professional (paints, wood impregnating agents, glues, primers, cleaning and varnishing agents), Primacol Decorative – a system of creative decoration (plasters, pastes, structural paints, varnishes, stencils and other) as well as LuxDecor – products wood protecting and impregnating agents (wood stains, varnishes, impregnates). Moreover, the company manufactures construction chemicals branded by the Customer's (private label).

The company owns research laboratories and production lines equipped with innovative appliances. Thanks to this, it provides a rich offer of products with a very convenient price-to-quality ratio. The assortment offered by Unicell Poland outside the domestic market, is also available in 32 countries, even such remote ones as: Brazil, Mongolia, Cyprus and China. The company approaches each external market with due professionalism, adjusting its offer to specific demands and requirements. Constant growth, very flexible attitude to the Customer, high quality of products and attractive prices make Unicell Poland a reliable company of an international range that offers complex solutions to the construction industry.

We will help you  
build and finish  
your house.





### **Bartłomiej Sawulski**

Marketing and Development Director

Development and business ethics are Unicell Poland's top priority. Ethics means delivering promises as well as production and sales of products of good quality. It may seem easy but takes a lot of effort to put these assumptions into practice. Unfortunately, contemporary customers rely on the price factor. Companies that remain unpressurised by artificial price dumping find themselves in a bit worse situation. We, however, make every effort not to conform to this tendency.

Our policy can be summarised in the following words: we wish to create good products at a favourable price. Sometimes complying with high standards is truly difficult, but we do not want to resign from our objectives. Besides, our company greatly values diversification, namely a large number of products. Our strengths are: efficient service, speed and precision of deliveries. We take pride in guaranteeing the efficacy of our supplies at the level of 99% while offering several thousand products. Our delivery times are also short. Sometimes we deliver products faster than wholesalers.

We obviously strive to establish close, long-term relations with the wholesale segment in order to provide a sense of safety to the Customer. Another vital principle of our policy is: to grow organically! We wish to develop but we also want to combine the best element of the family-owned enterprise with the best element of a corporation. We are a family-based company and our decisions are made in a team of shareholders who have worked here for years.

At Unicell we rationally think about the future and do our best to create our future with consciousness.

# ARMORIN

## Metal paints

The brand includes "4-in-1" metal paints, which means that in one product you can find: primer, passivator, base and surface paint. The product can be applied directly on rusty surfaces.

## Plasti King – PVC systems

The brand includes PVC window sills. Its properties are: high quality, durability and attractive pattern at a reasonable price.



## Kid's Care – furniture protectors

The brand includes furniture accessories that protect children against dangerous accidents. These include: furniture sharp corner protectors, drawer, door window and socket protectors.



## Natur Garden – gardening accessories

The brand includes accessories used in gardens and allotments. All you need for your work.

The logo for PRIMACOL PROFESSIONAL features the brand name in white, bold, uppercase letters on a dark blue rectangular background. The word 'PROFESSIONAL' is in a smaller font size below 'PRIMACOL'.

## PRIMACOL<sup>®</sup> PROFESSIONAL

### Primacol Professional

A brand of professional construction chemicals addressed both at contractors and investors. The products are created on the basis of the principle "quality that works!" and applied at every stage of construction, finishing or room renovation stage. Primacol Professional products are characterised by ease of application and are environmentally friendly. Thanks to this, they have been immensely popular among contractors across entire Poland for many years. Their high quality has as well been noticed by many experts in Europe and Asia.

The logo for PRIMACOL DECORATIVE features the brand name in white, bold, uppercase letters on a black rectangular background. The word 'DECORATIVE' is in a smaller font size below 'PRIMACOL'.

## PRIMACOL<sup>®</sup> DECORATIVE

### Primacol Decorative

A brand that includes products dedicated to interior decoration. Its characteristic features are: high quality, trendy colours, outstanding effects, e.g.: decorative concrete, structural plasters and pastes, stucco, varnishes and paints, as well as interesting patterns of wall stickers and stencils. With the use of the System of Creative Decoration (Primacol Decorative), every room can be invigorated in an original manner, be it an apartment, office or public facility.

The LuxDecor logo consists of the brand name in white, bold, uppercase letters on a blue, rounded rectangular background with a slight gradient.

## LuxDecor

### LuxDecor

The brand includes ecological and innovative products for wood protection and renovation. It is comprised of: impregnates, wood stains, stain varnishes, lasures, wood putties, enamels and oils.

LuxDecor products are dedicated for internal and external applications. With their use you can renovate and ensure years-long protection of any wood structures and elements in the house and garden.

## TIS Group received the 2016 Business Cheetah title

TIS Group, Podlasie-based solid fuel boiler manufacturer, received the 2016 Business Cheetah title and joined the prestigious circle of the most dynamically developing enterprises in Poland. This distinction was granted by the Institute of European Business, which for over a decade has focused on analysing the financial situation of the Polish companies. Among all contestants, the Business Cheetah prize was awarded to entities whose market value has grown by over 10% in recent time. This circle also admitted TIS Group.

*"This prize in a way honours our hard work. We are truly delighted that our everyday efforts have been noticed", says Tomasz Mańczuk, TIS Group President*



## 2016 Business Cheetah

The 2016 Business Cheetah title makes us even more glad that it was granted for specific financial results. This clearly shows the scale and pace of growth in terms of our market share. The dynamics of this development is ideally illustrated by the growing interest in boilers under TIS Group brand.

At the peak season, despite conducting parallel production in both plants (in Poland and Belarus), the waiting time for some products was as long as 3-4 weeks.

So, at the threshold of the following season we decided to modernise the machine park and purchased additional machines, which allows for increasing our production capacity. This is accompanied by a regularly developed distribution network which covers a growing area of our country.



## KazBuild 2017 Eastern Construction Cluster

As a member of the Eastern Construction Cluster, we recently had the opportunity to participate in the International Building and Interiors Exhibition KazBuild 2017, held in Almaty, Kazakhstan.

We held a number of valuable and promising meetings. All this suggests that the economic mission will bring further development of our company and our boilers will be sold on the Kazakh market.

## **TIS** PELLET / PELLET DUO

Latest generation pellet boilers equipped with an automatic ignition burner and movable grate made of stainless steel for effective and fully automated cleaning of the combusted fuel residuals. Used for heating buildings with the area of up to 1,000 m<sup>2</sup>. TIS Pellet boilers are fully automated. Thanks to their large capacity, single fuel loading may suffice from 3 to 7 days.

Boiler power from 8 to 100 KW. TIStronic automation is the latest generation for managing the entire heating system together with water heating. The Customer's maximum comfort is ensured by innovative technology and long durability of TIS boilers.

TIS DUO PELLET has an additional possibility of traditional wood combustion.





Eastern Construction Cluster  
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## Contact details

### **TIS Sp. z o.o.**

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The beginning of our boiler business is the Eastern market.

“Our history connected with Belarus and borderland market dates back to the times of fear for closing the gas market. This made citizens protect their boiler rooms with two boilers, and in result the demand for these appliances grew. We started with 350 metres of the production area. Very quickly, since this took merely 5 years, we expanded our activity by 4 thousand meters,” says Tomasz Mańczuk, President of the Board.

Apart from Eastern markets such as Russia, Kazakhstan, Ukraine, our distribution reaches as well Lithuania, Latvia and Estonia. The company also decided to open a manufacturing branch in Poland.

The company easily found the right place – the production hall of 1.5 thousand m<sup>2</sup> is located on a large plot in Lipsk near Biebrza.

“Thanks to experience gained on the cold Eastern market, we can offer Poland a solid and certain product, frequently tested in areas where the exploitation of these boilers bears no comparison to other European regions,” indicates Tomasz Mańczuk. “We entered the Polish market because it creates potential demand for our products.”

“Solid fuel central heating boilers are the flagship product currently offered by TIS Group. Feel free to explore our offer.”





## Tomasz Mańczuk

President of TIS Group

Central heating boilers under TIS brand give warmth to the growing number of houses not only in our region, but also across Poland. The company has already operated for several years but in fact we expanded our business activity in Poland only a year ago. After several years of developing technologies, or more vitally, thanks to gaining so precious experiences with demanding clients in the East, we decided that it was the right time to develop the business in our country. In this way we followed a different path than most Polish companies that start with building their business in the country and later think about overseas expansion. We opted for a reverse way. At present our products – and I pronounce it with great pride – are commonly recognised by the Eastern customers, for whom TIS became a synonym for solid, Polish central heating boilers.

The competition in the country is considerable and quite strong. But we are not afraid. Although we know our place as well as our limitations, we continue to systematically follow the assumed development path. However, we want to do it at the right pace, which on the one hand ensures our safe and sustainable growth, and on the other – strengthening our presence on the market. We obviously started with North-Eastern Poland and for the time being we focus our attention on this region. But we are expanding our distribution network, already reaching out of Podlaskie Province. At present TIS boilers are also available in Varmia and Mazuria, Mazovia, Lublin Region and Kuyavian-Pomeranian Province.

The first year was exceptionally satisfying – even surprising. In theory, our plants work at full steam with regard to production and order execution. Our products were not only extremely popular among the final Customers, but also experts – installers, who recommend our products with full responsibility and consciousness. In this manner we managed to build a value not to be overrated – trust, I mean. However, nothing happens by chance. This would not be possible if the products were far from ideal. On the contrary – our Customers highly praise the functionality of our installations and recommend them to others. We aim high. We believe that we are capable of covering entire Poland with our distribution and head even further – to the West and South of Europe. This is a matter of time.



## TIS PRO

A modern boiler without the need to connect it to electrical energy. Characterised by long combustion time at one loading. The boiler is dedicated to combusting wood, peat, coal and wood residues. Equipped with a mechanical draught gauge that allows for optimising the process of combusting fuel.

Due to the application of unique construction solutions, the boiler fully recovers heat energy from the combusted fuel.



## TIS PLUS

An improved version of TIS PRO. The boiler is equipped with a vent connected with the boiler's controllers, which allows for regulating air intake and controlling the combustion process.

Additionally, the combustion chamber is fed with a stream of air through the ducts at the rear of the chamber. The vent and automation ensure sustaining a pre-set temperature and obtaining optimal fuel combustion.



## TIS PRO DR

A solid fuel long-combustion boiler with especially designed, enlarged furnace. Advanced construction solutions guarantee total combustion of firewood and other fuels as well as excellent properties of the boiler's faultless operation for many years. PRO DR boilers are particularly dedicated to combusting any type of wood. Moreover, they also ensure effective operation in the course of combusting other fuels e.g. peat, coal, briquette and all sorts of wood residuals.





## **TIS** UNI

Innovative boiler in the Premium class. This type of a boiler is suitable for combusting such fuels as: wood, briquette, coal and other wood residuals.

An innovative series of UNI boiler sets are equipped in the most advanced automation and a modern modular air vent that supports combusting and sustaining fire. An advantage of UNI boilers is their successful construction, a very large fuel loading chamber and a durable cast-iron grate. The application of new solutions of tunnel air dosage in the lower and upper chamber in the course of combustion, ensures maximum volume of energy as well as complete fuel combustion.



## **TIS** EKO

## **TIS** EKO DUO TRIO

The latest generation of boilers with an automated feeder of biomass fuel in a form of pellet, fine coal and eco-pea coal. The automated operation of the boiler allows for the use of all sorts of the enumerated fuels for generating heat energy in the buildings. A self-cleaning retort feeder is equipped with a revolving mechanism made of durable cast-iron that optimises the combustion process, is reliable and ecological.

The main advantage of this boiler is automatic sustention of the combustion process from the moment of starting the boiler and through the entire heating process. Single chamber feeding allows for unmanned operation of the boiler for several days.



## **TIS** PELLET

## **TIS** PELLET DUO

The latest generation of pellet boilers equipped with an automatic ignition burner and movable grate made of stainless steel for effective and fully automated cleaning of the combusted fuel residuals. Used for heating buildings with the area of up to 1,000 m<sup>2</sup>. TIS Pellet boilers are fully automated. Thanks to their large capacity, single fuel loading may suffice from 3 to 7 days.

Boiler power from 8 to 100 KW. TIStronic-495 automation is the latest generation for managing the entire heating system together with water heating. The Customer's maximum comfort is ensured by innovative technology and long durability of TIS boilers. TIS DUO PELLET has an additional possibility of traditional wood combustion.

## Current achievements

The company's unarguable achievements are impressive investments conducted in the country, e.g.:

- Office building, Nowy Sącz, completed in 2015, Façade system: Kratos,
- Q22 Apartment Block, Warsaw, completed in 2014, Façade,
- GP's Clinic, Rabka Zdrój, completed in 2014, Façade system: Kratos,

and abroad:

- KAUNO KOLEGIJA University, Lithuania – Kaunas, completed in 2014, Façade system: Kratos, Door and window system: Triton,
- Residential building, Saint Tropez, completed in 2013, Door and window system: Hercules,
- Sliding door system: Hestia,
- Harmonia Apartments, Great Britain, completed in 2009, Folding Door System with low threshold.

## Future plans

In the nearest future the company's Board plans to explore new markets in order to conduct a strategy that involves providing high-quality products to the largest possible audience. This can only be possible by conducting permanent research activity, which is a key to the company's success.



## The company

Blyweert Aluminium Sp. z o.o. is a company with high aspirations. An idea for business that it consequently realises, allows for expecting further success in the sector. Every year the company grows regularly, investing its own funds but also benefiting from EU programmes.

### Door and window systems

Systems of aluminium profiles with thermal break are designed for external use and without thermal break – for internal use. This allows constructing a variety of doors and windows or internal structures.

Depending on the type, they are perfect for constructing customised door and window joinery or reconstructing partitions in detached houses or commercial buildings that require high thermal insulation.

### Panel doors

A product offer addressed at even the most demanding Customer, based on the original solutions within aluminium systems. Products of enhanced resistance to deformations, thermal insulation, and tightness. The offer is more attractive thanks to the modern design so popular in current architectural trends as well as a wide range of colours.

### Sliding doors

A system of aluminium profiles with thermal break dedicated to external use. It allows for constructing sliding and lift-sliding doors with maximum sash weight of 400 kg. Three-chamber sash profiles with a depth from 51 to 72 mm ensure high thermal insulation. Proven in the construction of sliding door in private investments and commercial buildings.



Eastern Construction Cluster  
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## Contact details

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**Blyweert Aluminium Sp. z o.o. is a manufacturer of complete, contemporary and innovative construction systems for producing window and door joinery and carpentry as well as all sorts of façades, winter gardens, skylights and other aluminium structures.**

The company was established in 2007 in Warsaw. In December 2010, due to rapid growth and development of its activity, it moved to a new seat in Czosnów, built with the co-financing of the European Regional Development Fund.

Since 2008 the company has been developed by a team of the best specialists in this sector, who have put every effort to create modern, aluminium construction systems from scratch. The developed solutions are producer-friendly products, satisfying the highest standards for joinery and construction carpentry. This means a production innovation that provides the highest usable standards.

“The Customer’s satisfaction is our common objective. In order to ensure harmonious cooperation at all stages of our activity, we make a balance of each joint project. We analyse errors, remember working solutions and constantly deliberate on improvements to our products and services. Close contact with the Customer brings better understanding of his needs and adjustments to his expectations.”





Eastern Construction Cluster  
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## Façade systems

A system of mullion-transom façades with thermal break designed for external use. The system allows for constructing large-format glazing, at the same time ensuring narrow width of visible profiles (52 mm). A wide range of depths of internal support profiles and external masking profiles provides full freedom in designing façades.

## Winter gardens

A system of aluminium profiles with thermal break designed for the construction of roof surfaces and a system of aluminium profiles without thermal break for the construction of rooftops of winter gardens and parking spaces (carports). The narrow frames of the roof use profiles with 55 – 56 mm width viewing. The components of the system allow for the creation of aesthetic and economical roof structures.

## Complementary offer

A system of universal aluminium, steel profiles and accessories compatible with all Blyweert systems, allowing for optimising the process of assembling the products offered by the company and executing even the most unusual orders.





Eastern Construction Cluster  
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## Mosquito nets

A system of aluminium profiles with thermal break dedicated to creating partitions with anti-insect protection. It is used for constructing fixed-screen, turn and sliding nets. The system is compatible with door and window as well as sliding systems designed by Blyweert and other manufacturers.

## Folding systems

A system of aluminium profiles with thermal break dedicated to external use. It allows for building sliding folding doors. Three-chamber profiles with a frame depth of 72 mm ensure optimum thermal insulation. The folding door system facilitates the creation of large-format glazing while optimizing the occupied space after opening. A possibility of installing a low threshold as an option for people with disabilities. Proven in the construction of partitions in private investments and commercial buildings.



Offer

“A concrete guarantee of the quality and perfection.”



## Current achievements

Being one of the oldest concrete companies in the region, BUDMAX undoubtedly contributes to a number of constructions and investments. The company has participated in many private and public utility investments, including residential houses, hospitals and other.

## Future plans

The company develops its machine park and fleet, by this means ensuring efficient delivery of its products to a new customer base. BUDMAX also conducts research and development works on a new generation of mixes that may dominate the market.

## The company

BUDMAX – Tępiński i Wspólnicy s.j. was established in 2010. The company manufactures cement and construction products made of concrete. Year by year, the current production capacity at the level of 70,000 m<sup>3</sup> is constantly expanded due to the growing demand.





Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

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**BUDMAX – Tępiński i Wspólnicy s.j.,**  
**a company with long traditions, makes sure**  
**that its production and service offer is at the**  
**highest level both in Podlasie region**  
**as well as entire Poland.**

Thanks to its specialist team of employees and the application of innovative machines, the production of concrete mixes undergoes continuous laboratory tests in terms of quality and compliance with the binding standards. This allows for achieving the highest class of the goods that fully satisfy even the most demanding Customers.



## Other

The company also offers cement and sand screed, mortar, cement and sand ballast, stabilisations manufactured on the basis of natural mineral aggregates (sand, sandy gravel, gravel) as well as ash-slag mixes that improve the physicochemical and supporting properties of the ground. Due to their wide-range applications, they constitute the company's main products.



## Concrete

This is the core business of the company. Thanks to the professional managing and working staff, BUDMAX – Tępiński i Wspólnicy s.j., provides complex services to investments within designing, assembly and servicing.

## Transport

We have a modern machine park, thus ensuring efficient delivery of our products to the customer. Distribution of concrete mixes is done using concrete mixers up to 10m<sup>3</sup> and pumps with a reach from 27 to 41m. These solutions allow us to handle a variety of investments, including those that prevent direct access to the site due to the shape of the land or the height of the construction.







Offer

## Competitiveness

For years we have been focusing on our company offering competitive products in terms of quality and price, both in Podlaskie Voivodeship and in the whole Polish market. The years of dynamic development have allowed us to specialize in the industry so that the range of products we offer was an effective response to market needs, even of the most demanding customers.

## Quality

Thanks to a specialized team of employees and the use of modern machinery, the production of concrete mixes is constantly monitored by the laboratory in terms of quality and compliance with applicable standards. This allows you to achieve the highest quality product that fully satisfies even the most demanding customer. The highest quality is also attributed to the modern machine park, thanks to which the mixture is created with concrete mixers up to 10m<sup>3</sup> and pumps with a reach from 27 to 41 m. One of the most important aspects of our industry is the reproducibility of the blends that we care most about, so we can count on the confidence of our customers.

## Professionalism

Our advantage is the professional customer service, which allows for the implementation of high-level orders and professional advice in the field of building materials. Since its founding, the company has been supporting wholesale and retail customers in the construction business by providing the highest quality assortment.

## Sale

We sell high quality products: concrete of various grades, concrete for floors, concrete for construction, as well as cement-sand screeds, mortars, cement-sandbeds, stabilizers. The wide range of products combined with state-of-the-art pouring technology enables us to handle a wide variety of investments and to meet the needs of even the most demanding investor.

## Customer service

We provide professional service to our clients. Our staff will be happy to answer any questions you may have - contact no. 85 676 23 89 or +48 605 20 83 92.



## History

Kerno in Esperanto language: the heartwood. Kerno continues and develops the business activity undertaken by Waczesław Awruk Carpentry Workshop with its head office on the edge of Knyszyńska Primeval Forest, established in 1988.

The founder and owner and the main pillar of the company is Waczesław Awruk, a carpenter and wood technologist, who has been passionate about designing and manufacturing products for over 25 years.

Therefore, the company's products are characterised by originality, functionality and top quality. In the beginning, the Workshop produced carpenter's fancy articles: flower stands, shelves, stools. In the 90s it finally found its niche in door carpentry.

The workshop as well as experience in wood processing allowed for creating an original collection of internal and external doors. With its zest for development, the Workshop established a new brand, Kerno, joining traditional, solid craftsmanship with the latest trends in carpentry.

## Achievements

- cooperation with key architects
- top-quality design and stylistics of products
- machine park with innovative CNC machines
- products awarded with architectural distinctions



### Built-in wall units

Times, tastes and technologies change very fast. The old-day "panelling", associated with tight halls, has transformed into a modern wall facing. It highlights the interior's character and, thanks to the application of a special technique, it accentuates the user's passions and hobbies.



### Internal doors

We treat doors as pieces of furniture that bring a difference to our interiors. They shape the image of our house, they are a picture of us. Doors give the rooms an individual character. We create them with the mission to combine functionality with the beauty of the detail. Our collections carry the names of plants, symbolising their exceptionality, durability and longevity. Uncover them



### External doors FRAX

External doors are a hallmark of every house. 25 years of experience have taught us that doors are made of: your imagination and our precision. In our work we combine selected materials, modern technologies and artisanal diligence so that Kerno doors serve their function for many years.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

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**Kerno in Esperanto language: the heartwood.  
Kerno continues and develops the business  
activity undertaken by Waczesław Awruk  
Carpentry Workshop with its head office on the  
edge of Knyszyńska Primeval Forest,  
established in 1988.**

Kerno specialises in manufacturing doors and non-standard architectural solutions for interiors. We take due care to adjust our products, designed by the best architects and designers, to individual needs. Providing them with undeniable functionality and quality, we wish them to serve their role for a very long time. Following the motto: "FROM THE IDEA TO THE PRODUCT", our top-class craftsmen and at the same time experienced enthusiasts create original, unusual designs which will bring you joy for many years.

Our offer is full of high-class external, internal doors, designer furniture, sanitary cabins and untypical built-in wall units. Kerno is based in Sochonie, a town located on the edge of Knyszyńska Primeval Forest, where the entire production takes place.

During this process, raw materials, selected and monitored by our Production Control Division, are processed into the final product. Timber, from which it is manufactured, originates exclusively from the forests managed in accordance with the principles of Good Forestry Management.

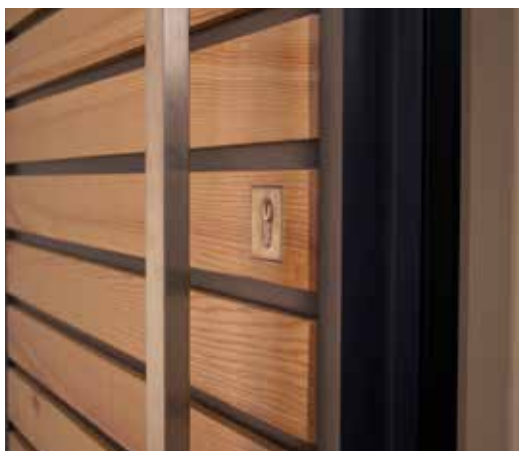
## "HIGH-QUALITY CRAFTSMANSHIP"

The company's own production and innovative workshop based on traditional craftsmanship and universal solutions allow for the execution of the most original and extravagant orders.





**Waczesław Awruk**  
owner of KERNO Carpentry Plant



## External door FRAX11

### 1) DESIGN:

The board of 75 mm in thickness, insulated, finished with oak in all planes. Coefficient  $U=1.1 \text{ W/(m}^2 \text{ 2xK)}$ . Design dedicated to energy-saving houses (NF40 standard). Acoustic insulation of 37 dB. Possible fireproof parameter EI30.

### 2) PROPERTIES:

- non-rebated,
- two hinges Assa Abloy with locks,
- a set of gaskets in the door sash and frame,
- two LOB locks,
- regulated striker,
- door handle Axa Niagra with a brand sign,
- a set of inserts in a one-key system,
- a window set reflex brown P2 (if used),
- a wooden and aluminium threshold,
- an assembly system,
- a four-layer varnish coat,
- dimensions:  
"90" – 2085 x 1030 mm  
"100" – 2085 x 1130 mm.

### 3) OPTIONS:

- a C-class strip lock
- a C-class handguard or handle
- hidden hinges Simons-Werk,
- a rebated, fixed or movable sash,
- extra upper lighting,
- painting with any colour RAL or NCS.



## Internal door PINUS / BELIS

### 1) DESIGN:

A sash in a frame made of wooden dressing, lined with panels. Available in rebated and non-rebated versions.

### 2) STANDARD VERSION:

- hidden hinges with 3D regulation,
- a magnetic lock,
- a 45- or 90-degree door frame,
- a door frame for a 20-cm thick wall,
- RAL or NCS semi-mat colours,
- decormat glass or laminate.

### 3) OPTIONS:

- a regulated 20-50 cm door frame,
- a door frame with a 12 cm strip and decorative finishing,
- a decorative cornice,
- non-standard glass,
- hidden hinges,
- a band-patterned floor strip,
- painted with silver melt or other metallic colours,
- full-gloss paint,
- ventilation undercut,
- brazen hollows in the colour of the wearing, round or square,
- "hidden" door, sealed with photographic paper or painted, in the colour of the wall,
- hidden lock.



URO table

## External door FRAX

Frax (fraxinus), Lat. ash. According to traditional folk rites, tucking ash twigs in thatches was to repel undesired visitors and plagues. The main pillar of the collection are full doors, characterised by modern stylistics, elegance and simplicity, but most significantly – original indices for acoustic and thermal insulation. Their original design allows for the application of any paint, varnish colour, type of veneer or stainless steel details.

## Internal door

### Pinus / Belis / Muscari

All collections of internal doors are characterised by a play of form, which gives you the possibility to own something truly original. They can be concealed in the wall's façade, painted and glossed in a distinguishing colour or coated with extravagant wallpaper. The doors exhibit the features of the rooms, depending on the assumed concept. Full doors, glass doors, hidden hinges, magnetic locks, regulated door frames up to 20 cm.

## In-built wall units

Times, tastes and technologies change very fast. The old-day "panelling", associated with tight halls, has transformed into a modern wall facing. It highlights the interior's character and, thanks to the application of a special technique, it accentuates the user's passions and hobbies.



## Current achievements

The present offer of composite entrance doors includes four lines of products composed in such a manner that each Customer can find a product ideal for their expectations: Lines: ARCTIC PLUS, ARCTIC, PREMIUM and BASIC divided in two collections.

The DIPLOMAT collection means modern design and unlimited possibilities to design dream patterns and colours.

The CLASSIC collection is a proposal for traditionalists; the traditional décor reminds of homely warmth.

Windows constitute an adequate offer, divided in four lines and ideally matching the doors' collections.

## Future plans

VIKKING plans to continue its investments and development. The offer of composite doors and windows Real Wood is receiving growing acclaim on foreign markets. Therefore, for the time being the company's aim is to intensify sales of window and door joinery as well as develop the company's distribution network on foreign markets.

The company focuses on acquiring a stable group of foreign partners-distributors. Marketing activities are aimed at strengthening the recognition of VIKKING brand as a producer of exclusive, personalised joinery.



## The company

Vikking KTS – a manufacturer of composite entrance doors and windows Real Wood, has operated since 1991. Last year the company celebrated the 25th anniversary of its business activity. Since the early beginnings, the company has dedicated itself to manufacturing innovative products. As the first enterprise in Poland, it implemented the production of innovative products. Being a pioneer, Vikking implemented the production of composite entrance doors.

In 2011 it patented "a manner of pasting glazing packages in doors and its derivatives" and in 2014 it patented the structure Real Wood as a registered industrial design. Another stage of the company's development was the beginning of the production of Real Wood windows in 2016. Vikking energy-efficient products were well received in Poland and abroad, mainly in France, Italy, the United Kingdom, Norway, the United States and Canada.

## Composite doors

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## REAL WOOD windows

Energy-saving PVC windows with wood-like profile décor Real Wood is a novelty in window joinery.

A unique system of decorations is the subject of international patent protection.

Real Wood windows are intended for energy-saving and passive construction both for individual and industrial, historical and renovation purposes. Real Wood windows are also manufactured in an English, French and renovation style, the last one ideally matching the Italian market.



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## Contact details

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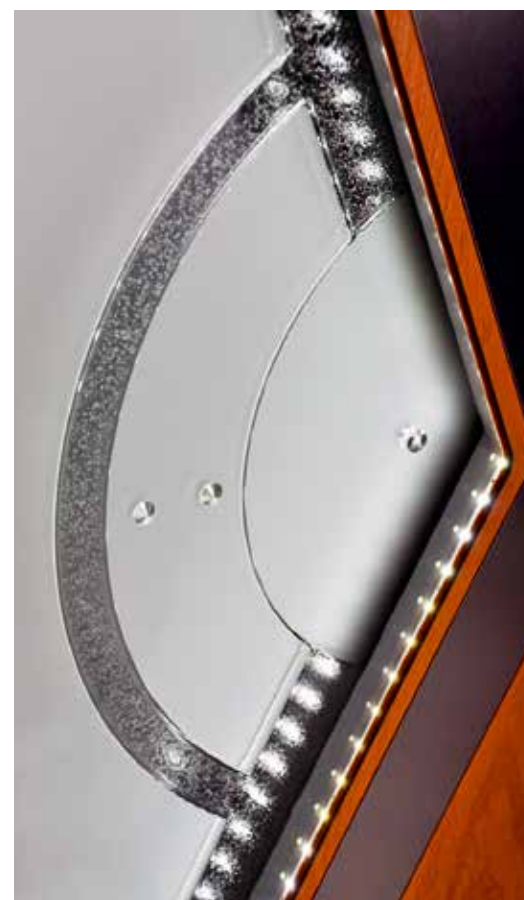
VIKKING KTS based in Biała Podlaska is a producer of composite entrance doors and PVC windows with an innovative, patented wood-like structure Real Wood.

Thanks to the application of top-quality components, the products achieve unusual usage parameters within safety and energy saving. The company is a pioneer on the joinery market within the production of personalised windows and doors. VIKKING windows and doors have an outstanding design – a unique wood-like decoration Real Wood, a registered industrial design. Unlimited possibilities of configuring ornaments, colours and equipment guarantee the products' adjustment to individual needs and tastes.

What distinguishes and characterises VIKKING is its innovativeness not only within the structure of its products, but also the manner of production. The enterprise produces doors and windows solely on individual orders. What makes the production process outstanding is that almost each door or window is different.

VIKKING's products are dedicated to demanding investors. The design division is open to challenges and willing to process even the most difficult orders.

“What others perceive as untypical – to us is a standard, what is seen impossible – we make it for tomorrow.”





## TADEUSZ KONASZUK

President of the Board

Passive construction, which slowly becomes a standard, expects complex supplies of joinery that simultaneously meets the requirements of energy and environment protection as well as long faultless durability.

From the moment of starting the production of composite entrance doors, we have had one goal: to meet strict requirements in terms of compromising the highest aesthetic criteria for doors with the best house protection. We have developed from scratch innovative composite doors in order to satisfy individual expectations of our Customers. No other doors have so many advantages, being free of faults and limitations so typical of traditional technologies.

The success connected with door manufacturing prompted us to create a complex offer of joinery. And in such a manner we decided to commence the production of windows.

The year 2016 brought a breakthrough in our operations. Not only did we celebrate the 25th anniversary of our company, but also we started the production of energy-saving windows. We developed a system of PVC frame structuring that gives windows a stylish look of wood. We conducted research, where our passive windows Real Wood achieved one of the best technical parameters on the market.

Since our beginnings we have specialised in the execution of the most unusual orders. Our motto is "What others perceive as untypical – to us is a standard, what is seen impossible – we make it for tomorrow." We encourage our Customers to let their creativity free and in mutual cooperation construct their dream doors, and now windows, which shall not only provide perfect protection but also constitute a beautiful hallmark of the house.

Our advanced technologies and innovative solutions foster the production of any doors and windows without any concession in terms of quality and durability.

We guarantee our Customers almost unlimited possibilities to select styles as well as combinations of colours and texture.

We execute all orders with utmost veneration. Our employees' experience and passion for creation combined with the available innovative manufacturing technologies make our products not only modern but also solid and safe.

Recent years have abounded with numerous awards and distinctions. Our products, both doors and windows, are appreciated in prestigious competitions mostly for their energy-saving features but also unique and modern design.



## Energy efficiency

Thanks to the combination of materials and components with ideal parameters, VIKKING composite doors achieve a uniquely low coefficient of heat permeation with the simultaneous preservation of an elegant look and optimal thickness of a door sash. Particularly dedicated to passive construction, the doors effectively protect against heat loss – Ud coefficient already from 0.63 W/m<sup>2</sup>K.



## Durability

Advanced technology, top-quality components, fittings and varnishes of renowned manufacturers ensure durable and faultless exploitation. VIKKING composite doors are resistant to moisture and most difficult climates – composite sashes remain resistant despite any weather conditions.



## Safety

Thanks to their structure and the application of top-class fittings, composite doors perfectly resist acts of burglary, vandalism and mechanical damage. Locking hooks, especially designed and produced from stainless steel, allow for full regulation throughout the entire period of door exploitation, whereas a system of multi-point locks and anti-burglary strip locks raise the level of anti-burglary protection.





## Unique design

Real Wood windows are products with features so far inaccessible on the market and unattainable for traditional technologies. These are the only PVC windows with a wood-like structure on the market.

Real Wood structure perfectly imitates the structure of precious, aged wood, and at the same time is easy to clean; it requires no maintenance, unlike wooden windows, and eliminates the necessity to veneer profiles.

The possibility to apply decorations on one or both sides of the window and the optionality of colours allows for the execution of the most daring projects adjusted to the Customer's individual taste, which reflects the company's philosophy – personalised window joinery.



## Innovative technologies

The innovation behind Real Wood windows is not only solutions within their design but also the structure of a window sash. An original combination of traditional glazing with the structural glass units' pasting prevents sash falling, improves safety and comfort of use.

It also allows for the application of the thinnest steel reinforcements, which significantly improves the parameter of heat insulation for the window's frame. This innovative solution continues a patented, author's method of structural pasting of glass units' in composite doors.

Apart from the fact that Real Wood windows are beautiful and easy to clean, they also exhibit excellent technical parameters thanks to the application of top-quality components.



## Functionality

Apart from the fact that Real Wood windows are beautiful and easy to clean, they also exhibit excellent technical parameters thanks to the application of top-quality components.

The due brightness of interiors is ensured by glass units of almost unlimited possibilities to configure them in accordance with the Customer's needs and the room's purpose. The windows are provided with fittings made by renowned producers and selected with regard for investors' individual needs.

Thanks to the application of innovative solutions, Real Wood windows perfectly incorporate the idea of intelligent houses, where almost any elements can be remotely controlled – also Real Wood windows can be programmed remotely, e.g. for airing rooms.

## Current achievements

We offer a wide range of varnished and oil-coated floor boards manufactured from the Polish timber: oak and ash. All our products are made at the Customer's individual request.

Specific elements are selected individually in terms of their characteristics in order to give the floor its original character, regardless of dyeing. The applied four-sided phase adds lightness and optically elongates the floor.

## Future plans

The company's operations are fulfilled with constant growth – the new machines and practical experiences have undoubtedly contributed to creating a large portfolio of Customers, who perceive us as a certain and trustworthy manufacturer.

With our investments, we attempt to create a strong and stable company. We do our best to be a worthy continuator of Hajnówka's traditions.



## The company

A wooden floor is a key element of the house's finish, it allows for shaping the optical image of the interiors.

Its elements are composed of natural, solid wood, constituting elegant and durable solutions. The floors can serve entire generations; however, in order to achieve this, their surface has to be adequately protected.

Parkiet Hajnówka offers two finishing methods: varnish or oil wax. Both of them perfectly protect the surface, ensuring its total durability.

## Renovation varnish

The offer of varnished floors is addressed at persons attached to traditional solutions. A varnished floor is ideal for any type of interiors, regardless of their character.

It is an expression of both the classics and modernity. The applied layer maximally covers the surface of the elements, protecting them against dirt and moisture.

A unique formula of the varnish makes it possible to apply local renovation without the necessity to scrape – even after several years.

## Elastic varnish

Factory-applied colour is covered with several layers of varnish, leaving a delicate "film" on the surface.

Varnishing each separate element (without pasting with varnish layer) eliminates visible signs of the floor's work, depending on the season of the year.

It requires no maintenance, but it is not possible to remove local scratches or other damage. Any damage has to be scraped and re-varnished.

## Oil wax

A unique collection of floor boards finished with the use of high-quality oil wax was created for the needs of Customers that value natural, modern and universal look. Oil impregnates wood, providing the desired colour, and wax creates a protective "film" on the surface. Factory coating with subsequent colouring and protective layers makes the oil-waxed board easy for everyday maintenance as well as durable and warm to touch. It permeates the wood's structure, protecting the surface against dirt and moisture. Unlike varnish, it allows for making pointwise renovations even on an individual scale.



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Contact details

## **PARKIET HAJNÓWKA**

**Alina Wasiluk**

Traditional wooden floors

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e-mail: [parkiethajnowka@parkiethajnowka.pl](mailto:parkiethajnowka@parkiethajnowka.pl)

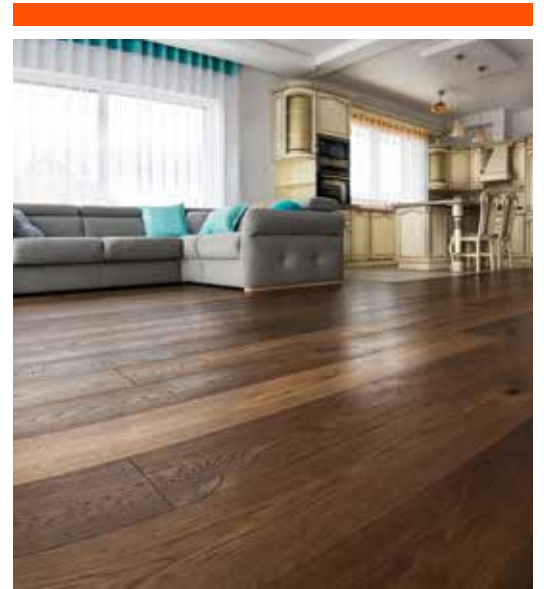
# **PARKIET** **HAJNÓWKA** TRADITIONAL WOODEN FLOORS

PARKIET HAJNÓWKA is a family-owned business that has cultivated traditions of wood processing for several generations. It was established on the basis of the Floor Material Hall for Hajnówka Timber Industry and initiated its activity with launching

a floor-making plant in Hajnówka in 1933. Taking over halls, machines, drying units, we have also taken over the best staff of highly qualified employees as well as long traditions and quality.

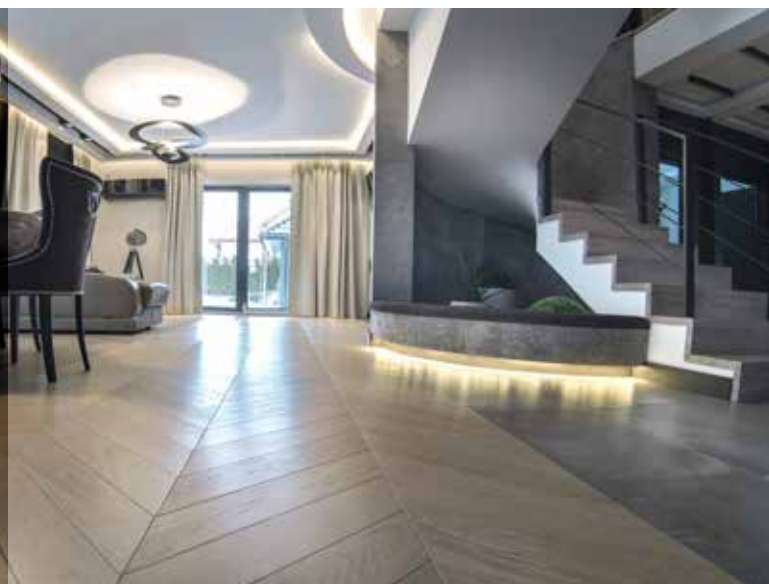


“Responsibility  
for tradition.”



## Double-layer floor board

A double-layer floor board "DUO" is made of two glued layers: lower – plywood and upper – lath. The upper layer is made of oak or ash laths. The lath's base constitutes durable birch plywood. It can be used with floor heating.



## Chevron – French herring-bone

A stylish French pattern. Left and right laths are cut at an appropriate angle: 45 or 60 degrees. All laths are equipped with a feather and an inlet. The product is available in both from solid and glued, double-layer, versions dedicated to floor heating.

## Classic herring-bone

Rectangular, right and left laths, cut at an appropriate angle of 90 degrees. All laths are equipped with a feather and an inlet. The product is available in both from solid and glued, double-layer, versions dedicated to floor heating.



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Offer

## Skirtings

We manufacture original solid skirtings, 15 x 7 mm in dimension, with rounded upper profile for all colours of our floors. At the Customer's request (followed by consultations of our Sales Department), we also manufacture other profiles of skirtings.



## Solid floor board

The boards are made entirely of solid oak or ash. This ecologically clean product contains no artificial materials in its structure. Solid boards ensure efficient heat insulation and noise absorption. They highlight the depth and richness of the structure of natural wood. Lifelong guarantee of the boards' structural uniformity.



In 2004 SILIKATY BIAŁYSTOK Sp. z o.o. became a shareholder in the Podlaskie Składy Budowlane Group.

Altogether we create the Polish largest chain of construction material warehouses. The strength of the PSB Group is a rich commercial offer as well as supporting development companies and investors in selecting products with regard to technological and material needs.

**The secret of the products' high quality lies in an especially selected recipe and a strict system of quality control.**



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## Contact details

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**The core business of  
SILIKATY BIAŁYSTOK Sp. z o.o.  
is manufacturing silicate products, hydrated  
lime, metal production – spare parts, fittings  
for appliances used for manufacturing silicate  
products, as well as selling construction materials  
for general purposes.**

For years SILIKATY BIAŁYSTOK Sp. z o.o. has been described as one of the largest producers of lime-sand blocks and bricks.

We offer a rich assortment of lime-sand elements used for constructing construction, partition, cross-apartment walls with strict acoustic requirements for façade walls, face layers and small architecture.

The Production and Commercial Enterprise SILIKATY BIAŁYSTOK Sp. z o.o. is comprised of: the Silicate Plant, the Hydrated Lime Production Unit and the Construction Material Warehouse.



## The company

### 1963

- start of business
- start of production as part of company profile
- Bialystok Building Ceramics Company

### 1992

- restructuring
- change of management, restructuring of the structure
- organizational and assortment production
- introduction of a pioneering solution - production of materials for facade walls
- colored bricks, facade tiles and bricks with a rough broken structure
- introduction of a pioneering solution - production of materials for facade walls
- colored bricks, facade tiles and bricks with a rough broken structure
- constructing the necessary equipment for production,
- introducing new packaging and transport solutions
- elaboration of a modern system of erection of masonry structures -
- "System S-2000 W + W masonry" - brickwork using the connection
- vertical wedge-tongue locks, without the use of mortar or glue

### 2001

- development
- launch of Wholesale Building Materials,
- Its wide assortment allows you to raise the house from the foundation to the roof

### 2004

- organizational changes
- "Silikaty-Bialystok" become a shareholder of the Polish Group of Building Societies,
- together we create the largest warehouse of building materials in Poland
- the strength of the PSB Group is its extensive commercial offer, assisting executives,
- investors in making technological and material choices





## Application of silicate materials: single family housing



### Description of individual layers:

1. Ventilation section.

2. Internal construction wall.

It should have sufficient strength and, above all, provide an effective barrier against noise. Here silicates are second to none. The high standards acoustic standards disqualify some other materials.

3. External wall.

It is supposed to protect against frost, but also the heat, it should be a safe barrier against the outside world (noise, fire). The triple layer of silicates with structural layer and facade and the corresponding thickness of the insulation gives the comfort of the apartment - including the highest thermal parameters (resulting from the unique properties of heat accumulation) and acoustic protection - and the durability of the facade and significant reduction of the danger of scratch formation. construction walls of several floors.

4. Partition wall.

It forms a partition between the rooms in the apartment. It should sufficiently isolate this room from others (also from noise).

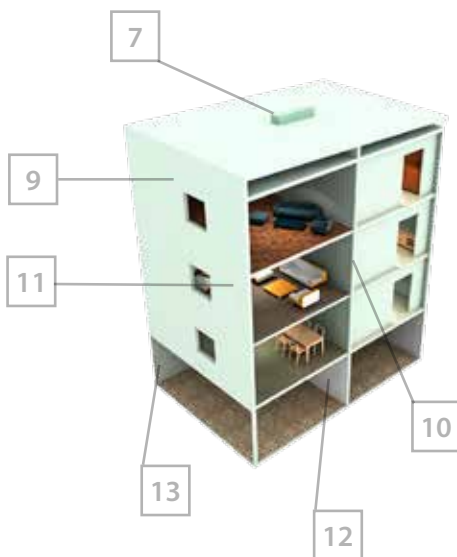
5. External foundation wall (basement).

Not every wall material can be used here. It can be made of concrete blocks, but much better and often used solution are full silicate blocks. This is certainly a solid foundation for any home.

6. Facade layer.

The use of bricks and silicate moldings can give the building an attractive and unique appearance. At the disposal of the architect are products with a smooth and split surface, in five colors.

## Application of silicate materials: multi-family housing



### Description of individual layers:

7. Ventilation section.

8. Partition wall.

It forms a partition between the rooms in the apartment. It should sufficiently isolate this room from others (also from noise).

9. External wall.

It is supposed to protect against frost, but also the heat, it should be a safe barrier against the outside world (noise, fire). The triple layer of silicates with structural layer and facade and the corresponding thickness of the insulation gives the comfort of the apartment - including the highest thermal parameters (resulting from the unique properties of heat accumulation) and acoustic protection - and durability of the facade and significant reduction of the danger of scratch formation. construction walls of several floors.

10. Internal construction wall.

It should have sufficient strength and, above all, provide an effective barrier against noise. Here silicates are second to none. The high standards of the acoustic standard disqualify some other materials.

11. Facade layer.

The use of bricks and silicate moldings can give the building an attractive and unique appearance. At the disposal of the architect are products with a smooth and split surface, in five colors.

12. Inside cellar wall.

13. Outside wall of basement.



## The company

- 1992 - CORAL obtains business license from the Ministry of the Interior and Administration for electronic security systems
- 1994 - First structured wiring installations
- 2001 - First building automation systems in EIB (KNX) standards
- 2002 - Opening of the new registered office at ul. Błękitna 1, Białystok
- 2006 - Introduction of building automation systems based on LON and BACnet transmission protocols
- 2008 - Opening of a new assembly plant of electric switchgears and automation in Choroszcz
- 2011 - The beginnings of the Solar Energy Department and first photovoltaic installation
- 2013 - The construction of CORAL's photovoltaic power plant with the power of 340 kW
- 2014 - The construction of the first photovoltaic plant with the power of 1 MW
- 2015 - CORAL obtains accreditation from the Technical Supervision Office for conducting photovoltaic training courses



CORAL W. Perkowski, J. Perkowski Sp. j. specialises in designing and providing complex services with regard to electric, teletechnical and automation systems for buildings. It ensures assistance in obtaining necessary concessions and permits as well as offers warranty, post-warranty and maintenance service. The company also sells electronic security systems, audio-visual installations, solutions for houses and mansions (KNX, multimedia). In its assembly plant CORAL designs and constructs electric switchgears and steering cabinets. It also trades in specialist apparatus – starting with elements of alarm systems and closed-circuit television to appliances dedicated to “intelligent buildings”.

In 2011 the company initiated its business activity on the photovoltaic market. The Solar Energy Department offers complex solutions within constructing systems for producing electric power from solar radiation, based on components manufactured by the best producers that guarantee reliability of their products for many years. CORAL also provides photovoltaic training courses accredited by the Technical Supervision Office. It is one of the few companies that can train installers in its own, working photovoltaic farm with the power of 340 kW.

The logo for CORAL, featuring the word "CORAL" in a bold, red, sans-serif font.

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## Contact details

### **CORAL**

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e-mail: [coral@coral.com.pl](mailto:coral@coral.com.pl)

The CORAL logo in red, with the website address [www.coral.com.pl](http://www.coral.com.pl) in black text below it.

The measure of the quality of our work is the satisfaction of our Customers.

**Being a construction company that operates on the electric power, teletechnical and IT sector, we know that all the conducted measures should be based on the proper understanding as well as satisfaction of the requirements and expectations expressed by our Customers.**

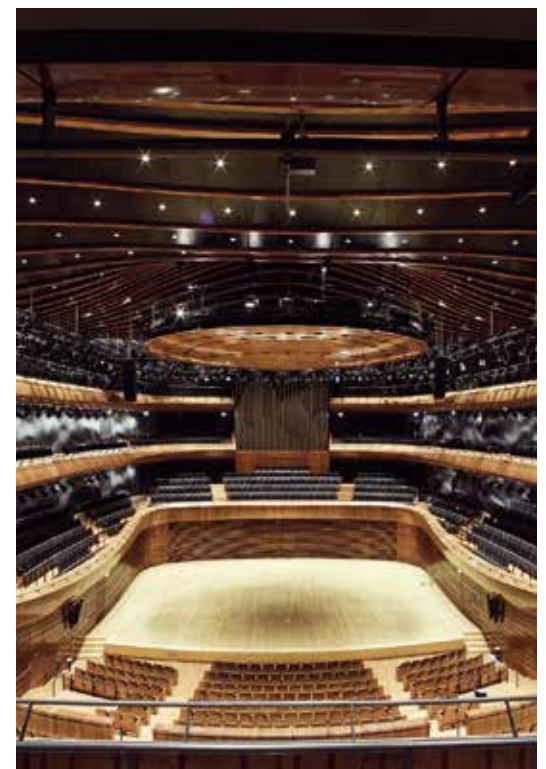
Every Customer is provided with the best service that involves experience, technical expertise and commitment of our employees. We put every effort to make our measures comprehensible to our Customers, as well as subject them to verification and assessment.

We provide complex services with regard to the following tasks:

- Designing,
- Obtaining the required agreements and permits,
- Workmanship with proper selection of appliances and equipment,
- Warranty and post-warranty servicing,
- Maintenance,
- Trading in specialist equipment.

Our employees have acquired necessary licences within designing and processing the offered services. Moreover, those workers who are responsible for the selection of equipment and constructing installations, have completed specialist courses organised by manufacturers whose equipment is used for our technologies.

We treat continuous technological and personal development as well as mastering work methods as our moral obligation towards our Customers and ourselves.





## Photovoltaic installations

We offer complex solutions within constructing systems for generating electric power from solar radiation. The Sun, triggering solar cells, forces the flow of direct current, which is transformed into alternating current with the use of inverters. This allows for its safe use for powering domestic appliances as well as reselling to electric power distributors.

The most crucial features of photovoltaic systems:

- safe and highly reliable,
- estimated module durability of 30 years,
- they preserve their capacity for a long time, the modules' efficiency usually remains at minimum 80% of their nominal capacity for 25 years,
- no waste, no noise, no odour,
- no threat while in operation.

### Waldemar Perkowski

Co-owner – founder of CORAL

In 1989, at the age of 20, for the first time in my life I assembled my first television set – Neptun 505 – on the basis of the manufacturer's documentation, driven by my interests and passion. The purchase and completion of THE parts took me several months since I had to solder approx. 90% of elements into the etched plates by myself. The equipment worked perfectly and was used by my parents for many years. In 1991 I single-handedly constructed my first electric installation in a detached house and in 1992, fascinated by the precise operation of a passive infrared sensor, I applied to the Ministry of the Interior and Administration for a concession for technical services in the field of property security. That was the beginning of CORAL.

And so the story goes – once in a few years I become fascinated by new possibilities in the electric branch that emerge on the global market – enriching my offer with the most interesting solutions allows for continuous, regular growth. That brings energy and joy from work.

At present CORAL employs approx. 100 specialists. The majority of them are "crazy" enthusiasts like me. The company's development, the execution and management of complicated investments would not be possible without the support of my partners – my brother, Jerzy Perkowski, and Tomasz Baczar. Thanks to them and the commitment of our staff, CORAL is associated with the best quality.

Our mission is to offer our Customers solutions that can guarantee faultless operation for many years to come. In business we primarily rely on honesty, therefore our offer presents only tried and tested solutions.

Since 2011 we have offered complete systems for generating electric power from the Sun – energy from nature.

Learn more about our offer.

## Electric installation

Electric installation is an indispensable element of each building. We attach all the greater importance to effective energy use, at the same time guaranteeing high comfort and safety to the user. Contemporary buildings are characterised by growing demand for electric power, which means that quality and reliability of electric installations become all the more significant.

We offer consultancy, designs and complex execution of the entire electric infrastructure of the building. Our employees are highly experienced in project processing and construction. They are also holders of the required licences within design, supervision, construction, measurement and exploitation of electric installations.

## Electric switchgear plant

At the end of 2008 CORAL launched a professional assembly plant of electric switchgears and automation with warehouses, a laboratory and office building. The building also houses a design department in charge of construction documentation as well as a team of engineers responsible for starting automation elements and quality control with respect to the offered switchgears. Thanks to this, our products do not require long engineering assistance connected with starting installation at construction sites.



## Intelligent building

KNX automation integrates all installations in the house. Thanks to mobile applications, the owner of the building can control every aspect of the buildings operations being in the house and outside it. We can steer the operations in a complex manner and monitor appliances that steer: lighting, heating, ventilation and air conditioning, blinds and sunshades systems, domestic appliances, access supervision and control, closed-circuit TV, energy management and communication with other systems.

The richness of appliances allows for constructing an installation stylistically suited to the Customer's needs. It is possible to create a scenario that, upon leaving the house, closes all anti-burglary blinds, switches off the light and reduces heating in order to provide protection for the house as well as eliminates unproductive energy consumption.

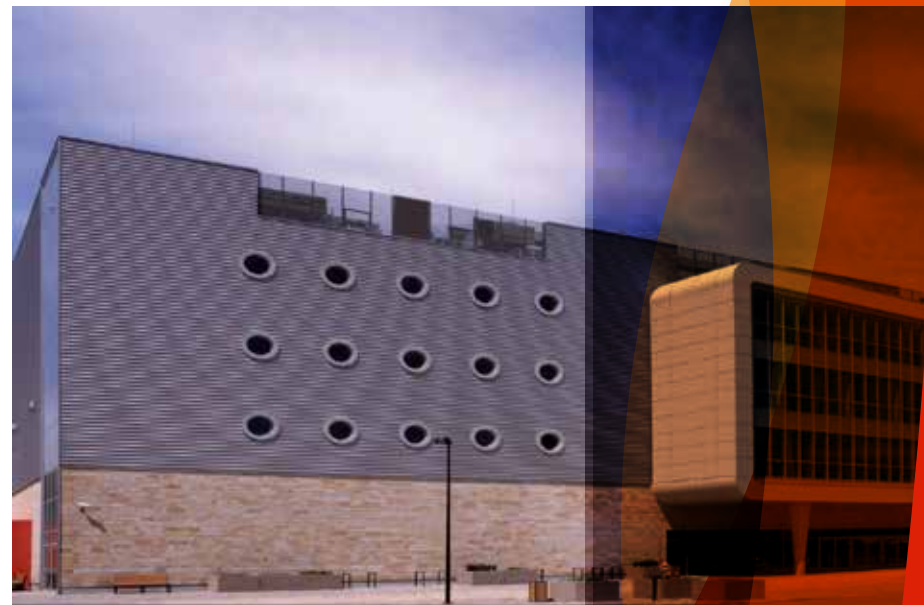


## Security systems – teletechnical installations

Today, ensuring safety and ongoing control of situation in buildings is a priority. We can help and assist you in the application of proper solutions for achieving this goal. The building is most optimally protected with the use of solutions adjusted to individual needs. Our employees specialise in constructing integrated security systems. Thanks to customised solutions, we lower the cost of exploitation and the level of risk. We offer our services at every stage of creating systems, starting with the design, through execution and ending with technical assistance and maintenance.

## Building automation

Whether at home, at work or on holiday, people spend most of their time in buildings. These are rooms where we feel good and rooms that are not as such. What can you do to improve people's comfort in buildings? Let us imagine surroundings where we feel good, because the temperature, air humidity and lighting are adjusted to our needs. Let us imagine that technology that ensures comfort at the same time reduces energy consumption, using it as much as it is absolutely necessary at a given moment. This is not a vision – this is reality in buildings, where the design and automation are made by CORAL.





## Current achievements

Current achievements: KANEX is a manufacturer of a wide range of articles made in accordance with the Customers' requirements. At each stage of the production process – from design to execution – we take into account the needs of our recipients, offering refined products in terms of their quality and technological aspect. Production processes are continuously supervised by highly qualified and experienced engineer personnel. Our team of skilled specialists – technologists, constructors with extensive experience as well as graphic designers – supervises the reliability of the offered solutions. Professional approach, high working standard and attention for the Customers' individual needs at every stage of project execution translate into the reliability of the offered finished products and give confidence that you have chosen an ideal partner who offers high quality at a reasonable price.

## Future plans

The future of KANEX is closely linked with the development of our competences in manufacturing all the more technologically advanced products. Short series of diversified products, a wide range of various solutions within one group of products – manufactured in accordance of the Customer's precise expectations – are growingly popular on the market. A significant aspect of this production is a complicated and long process of design preparation and implementation. Constant development of the competences of our engineer staff and close cooperation with the sales department contribute to proper understanding of the needs of our Customers, resulting in satisfaction driven from the quality of our products. Such a perceived vision of the company's development brings the necessity to make further investments in the production infrastructure, namely developing the machine park. At its roots there are obviously people. Qualified engineer staff and a sales team experienced in international markets guarantee smooth implementation of sophisticated and diversified ideas of our Customers.

## The company

From the very beginning KANEX focused on the quality and reliability of the production process. A key element involved in the process of executing each order is the Customer's vision with regard to the created product. Thanks to solid materials purchased from trusted suppliers, the commitment of our team and successful cooperation with the Customer, for many years the company has enjoyed trust on the market and an opinion of a reliable partner. Automation of production processes that has become an indispensable tool for large-scale order execution has allowed the company to develop the best working standards and address its offer to a large circle of recipients. However, the key element of the production process is manual operation that ensures the execution of individual orders. Thanks to such an approach, KANEX has become one of the most dynamically growing manufacturers, conducting effective sales both in Poland and abroad.



### Installation cabinets

Distribution cabinets for surface and flush mounting ranging from standard to customised versions, satisfying the Customer's even most untypical requirements. The quality and aesthetics of the cabinet's appearance allow for their placement in any part of the building, not deteriorating its architectural and aesthetic values. Their robust construction ensures stability and distributor fastening. We guarantee high workmanship quality, continuously controlled throughout the entire production process. The sheet metal used for production comes from a reliable source (solely attested material). We ensure technical assistance at each stage of cooperation, starting with assessing needs, through creating a prototype/ model and ending with selecting proper packaging and mode of delivery.



### Waterproof cabinets

This sort of cabinets constitutes a safe and, more importantly, waterproof structure. The cabinet owes its waterproof properties to a rubber seal system. A plastic partition placed inside the cabinet ensures additional protection against water leakage.

FEATURES: The water outlet at the bottom of the cabinet is connected to the system by means of rubber seals. Ribs allowing for connecting controllers are mounted at the top of the cabinet. The mounting plate for electric equipment is placed inside the casing. The cabinet is equipped with a lock or a different type of fastening selected by the Customer. Inside the casing there is a plastic partition which provides protection in case of water leakage. The cabinet contains a set of screws and rubber seals for mounting.



### Product presentation system

We design and produce a variety of exhibition systems. We offer a wide range of exhibition elements thanks to which our Customers can display any product in an optimal manner. High quality of the used materials and technologies guarantees long durability of the system.

Thanks to our broad experience, high ambitions and quality of service, we have gained a reputation of a reliable company, ready to create very ambitious marketing plans in cooperation with our Customers. Our design team is composed of technologists and designers with broad professional experience. The products we design are highly recognised among companies that execute daring marketing campaigns with the use of various sorts of articles.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

### **KANEX Sp. z o.o.**

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FAX: +48 85 868 16 03

e-mail: [kanex@kanex.com.pl](mailto:kanex@kanex.com.pl)



“You design,  
we manufacture.  
- Our technology,  
your success.”

**Kanex is a trusted business partner with 20-year-long experience that manufactures products of sheet metals. As a producer we design and provide even the most unusual solutions at the Customer's special request, and thanks to a highly qualified team of specialists we can offer products at the highest technological level.**

Focusing on the quality of our activity, we make every effort to establish a dialogue with our recipients, particularly in terms of their needs and requirements. We adjust our products to the needs of the market as well as national and European requirements.

A state-of-the-art machine park allows us to manufacture complex, sophisticated and repeatable elements. Thanks to experienced and qualified engineers, we provide technical assistance to our Customers already at the designing stage. An indispensable element of production is a complete assembly of construction and components. We also offer installations of steering, automation and electronics elements provided by the Customer as well as test the functionalities of the installed elements.

We use only attested sheet metals from reliable suppliers for manufacturing. Every day we deliver our products to Customers in Poland and over 20 European countries, e.g.: Germany, Austria, Sweden, Norway, Spain, Mongolia, and indirectly – the USA, Canada, New Zealand and Australia.



## Borys Dąbrowski

Sales Manager

The skill for translating the information and expectations acquired from the Customer into the final product, as well as precision with which such an order is processed, are the main advantages of our company. This is accompanied by manual perfection – our employees comprise a strong and experienced team who can transform their skills into a perfect product that meets specific expectations. I am glad that year by year the company gains growing trust on the market and our products reach various parts of the world, becoming components of larger undertakings. This is thanks to the team of persons working on the company's image and product as well as the perfection of the executed projects.

Today it is easy to involve the Customer into a discussion about the visions and advantages of our products but not everyone can comprehend them. A rich tradition of the processed, even most outstanding orders ranks our company among the leading enterprises that skilfully satisfy the Customers' expectations with a focus on all criteria – not only technological but also aesthetic ones.

The company's advantage is the personalisation of the offered solutions adjusted to the needs of every Customer. Our products are a tool that co-create the Customer's brand as well as work on its success and development. Apart from the serial product, our offer is growingly enriched by customised products, manufactured in smaller volumes but at times considerably more complicated. The company's strength relies on an experienced team of specialists and the skill to meet even the most unusual ideas.

The installation and telecommunications market brings extraordinary perspectives, year by year surprising with further solutions and ideas that we have managed to execute. Our company perfectly addresses this reality, following global trends, perfecting production processes and investing in a team of technologists, constructors, designers and salesmen. From the beginning of our cooperation we focus on establishing relations, which brings effective cooperation and satisfaction from the achieved results. Our motto "You design, we manufacture" ideally illustrates the idea of reliable cooperation based on dialoguing and understanding needs. It is the Customer's satisfaction, constant growth and far-reaching approach to the market. And I believe that we manage to achieve that.



## PIPE DECOILER

For quick unfolding of pipe coils in the course of mounting floor heating systems. The device fosters and accelerates the installer's work as well as significantly raises the comfort of his work.

The pipe placed in the decoiler does not tangle or break. Thanks to easy assembly and disassembly the device can be moved from one place to another with much ease.



## SLIDE BEARINGS AND BENDS

We produce a wide range of slide bearings adjusted to the needs of our Customers. We offer slide bearings made of high-durability metal. The offer is supplemented by metal and plastic bends. Bends allow for stable and safe connection of a floor heating pipe from the heating floor to the distribution cabinet or from a vertical heating surface (wall heating system) to the horizontal surface, without the risk of excessive stress on the pipe bend which may result in damage, as well as for strengthening installation bends at their bending point at a 90-degree angle. KANEX bends ensure optimal change of pipe direction without any bends.



## BRASS PRODUCTS

We deal with the production of brass elements, such as: cone seat unions, union elbows, extensions, nipples, reductions, pipe tees, couplers, nipple elbows and distributors. Apart from finished distributors, we also construct their components, which fosters any configuration as requested by the Customer.

For the production of brass elements we use metal purchased from leading manufacturers. The most common brass alloys used for production include: CW614N (CuZn39Pb3), CW617N (CuZn40Pb2) and CW602N. Depending on our Customers' requirements, our tube couplings can be covered with chromium-nickel coating. We can also produce rolled elements made of steel.





Our offer can provide you with anything you design. Our business partners are assisted by a qualified and experienced staff who will conduct the entire process in a quick and efficient manner. We rely on our long experience, at the same time staying open to the Customer's needs and suggestions.

#### **THE PROCESS OF IMPLEMENTING NEW PRODUCTS – STAGES:**

##### **1. INITIAL DATA**

The process of implementing a new product begins with the idea. Customers, based on their current product or our previous solutions, present their expectations with regard to the product. They specify their requirements in terms of materials and technical aspects, inform on the intended use of the products, define the type of packaging, annual demand and the forecast order execution cycle. If the business partner is not able to define certain requirements in detail, we provide our advice, based on the projects we have implemented so far.

##### **2. DESIGN**

Having discussed all possible and initial product solutions, we start the design stage. We create a 3D project, where it is possible to verify and virtually adjust the product. We check new projects in terms of potential infringement of the rights exclusive for the country where the product is to be used. We prepare the product's concept on the basis of the agreed assumptions and send it to the Customer for acceptance. If the Customer does not raise any objections, we proceed to the next stage.

##### **3. OFFER**

We determine the cost of the project based on the accepted drawing. We also make cost estimations of the tooling required for serial production. Later we present the customised offer to the Customer.

##### **5. PROTOTYPE/MODEL CREATION**

After the customer has accepted the offer, we create a prototype or model. The preparation of the model allows for verifying theoretical assumptions presented in the drawing against its practical execution. The model helps to eliminate any possible complaints/claims regarding inconsistency of the product with the Customer's expectations. It is a decisive moment in the product implementation process that involves verification of the initial assumptions.

##### **5. MODEL TESTING BY THE CUSTOMER**

The customer tests the model with regard to his requirements - he checks its functionality and makes a visual assessment. If the model fulfils the Customer's requirements, we receive approval for serial production.

##### **6. THE SO-CALLED ZERO PRODUCTION**

Before initiating regular orders, we suggest a "zero" batch. It is usually a pallet quantity on which we test the manner and suitability of the packaging, labelling as well as any possible manuals.

##### **7. SERIAL PRODUCTION**

The final stage is serial production, i.e. processing regular orders. Continuous quality control of all stages guarantees an effective process of new product implementation which leads to the creation of the final product of high quality and at a reasonable price.



# ALGAENAUTIC

The priority  
and mission of Algaenautic  
is looking for new  
environmental solutions that  
could be implemented in  
Poland and in the world.

Algae used as building material are a very welcome innovation in the emerging economy through which our planet quickly loses its natural resources. Buildings with minimized or even zero energy consumption are designed to be powered from renewable sources such as solar and wind power.

It has long been believed that solar and wind energy are a good solution, but algae are now entering the arena. From a scientific point of view, it is very important to stabilize the world's construction industry and to use the algae for the heating and cooling of buildings in an optimal way.



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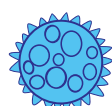


## Contact details

### **ALGAENAUTIC Sp. z o.o.**

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[www.algaenautic.com](http://www.algaenautic.com)



# ALGAENAUTIC

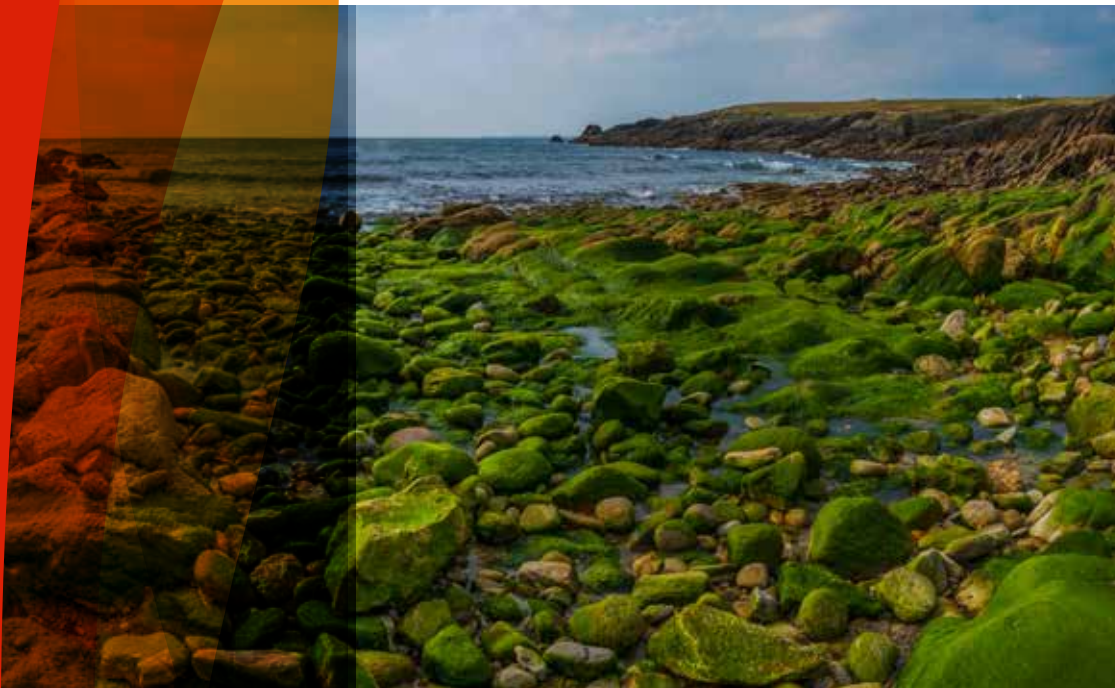
**Our research and analysis has allowed the company to specialize in developing innovative, not only in Poland but also in the world, technologies for obtaining and using algae.**

The company also develops and tests optimal algae breeding methods and designs economic models and their implementation in various branches of industry. Algae are microorganisms with great potential and growing importance for the global economy. We know how to use them most effectively.

The priority and mission of Algaenautic Sp. z o.o. is looking for new environmental solutions that could be implemented in Poland and in the world.



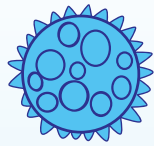
Algaenautic experts are aware that the integration of algae technology into the environment is very important, and that climate change is a precondition for sustainable development. It is therefore very important to conduct research into the use of such materials in the heating and cooling of buildings, the filtering of pollutants as well as in the field of gardening.



Ultimately, it is about a building that can be almost self-sufficient, and then also does not generate a negative impact on the surrounding environment. Importantly, algae is also a material that can be used to produce almost everything, plastics, food, paints, carpets, cosmetics and pharmaceuticals.

The activity aimed at the development of new technological solutions is based on the factual preparation of the staff of specialists in the industry.

Based on the mission of the company, responsible development of modern solutions in the construction industry and effectively commercializing them on a large scale, the company effectively responds to the needs of the evolving market. Emphasis on modern, alternative technologies is something that is extremely demanding in the face of changes.



# ALGAENAUTIC

Our every action starts with developing a solution concept that can be used in the construction industry. On the basis of market expectations we develop assumptions for the project, we define the design and technical requirements.

We analyze the feasibility of the project and present possible alternatives. We initially estimate the cost of the project and the date of completion of the order. We develop functional diagrams and ideograms. We prepare detailed specifications of components and materials. This is always under the watchful eye of our specialists.

Number of innovative companies in Poland constantly rises. There is an increase in the number of patents. The total number of proprietary solutions is growing, which is a direct response to growing demand.

**Our mission, however, is to make the project so successful that it becomes commercially successful. That will enable us to make full use of all its potential, so that the idea is to actually put them into practice, so everyone can benefit from it.**



Satisfaction of our customers states the quality of our work.

Everything to make life more enjoyable. Intelligent solutions also offer significant energy savings, which in turn have a great impact on finance and the environment.

We are close to the huge potential of today's smart home technology market.

Huge experience, knowledge and quality of the offered products are characteristics of Dominal.

Thanks to intelligent solutions, you can synchronize almost any device installed in your home to the rhythm of your life. Using the smartphone we provide constant access to the apartment and, if necessary, the ability to manage its functions.





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Contact details

**DOMINAL**  
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# Dominal

**Dominal W. Perkowski, J. Perkowski s.j. was established in 1995. The company offers complex services for conventional electrical installations that include all systems necessary for using the building in its full scope connected with safety and multimedia systems.**

The company is one of the enterprises in North-Eastern Poland that is proud to employ a strong team of 25 specialists.

The human potential constitutes its strength. For several years Dominal's employees have supported the execution of investments conducted by Coral.

Dominal gives you the opportunity to take full advantage of the offered smart technologies.

The goal is very ambitious - we want to improve the equipment that will make your apartments even more modern and safe so that the life of the inhabitants would be pleasant and comfortable.





## ELECTRICAL INSTALLATION

Electrical installation is an indispensable part of every building. We are increasingly concerned about the efficient use of energy while at the same time ensuring high comfort and safety for our users.

Contemporary buildings are increasingly demanding electricity, and consequently the quality and reliability of electrical installations are increasingly important.

We offer consulting, design and comprehensive realization of the entire electrical infrastructure of the building. Our employees have many years of experience, both in design and execution, and have the necessary certificates in the design, supervision, execution, measurement and operation of electrical systems.

## MOUNTING ELECTRICAL SWITCHGEAR

In the end of 2008 a professional installation of electrical switchgears and automation systems with warehouses and laboratory and office part was started.

The building also has a design department responsible for executive documentation and a team of engineers responsible for launching automation components and quality controls for our switchboards. As a result, our products do not require long-term engineering work related to commissioning on site.







## PHOTOVOLTAIC INSTALLATIONS

We offer comprehensive solutions in the field of building systems for the production of electricity from solar power. The sun acting on the solar cells forces them into a direct current, which, with the help of inverters, is converted to alternating current. This allows it to be used for home appliance power as well as resale to electricity distributors.

Key features of photovoltaic systems:

- The module life expectancy is 30 years,
- check their potential for a long time, and the performance of the modules after 25 years does not usually fall below 80% of the initial capacity,
- no contamination, no noise, no odors,
- they do not pose any hazards at work.



## Offshore Instruments is characterised by a diversified profile of activities.

We specialise in trading in raw materials, which means that we conduct trade, manage infrastructural facilities necessary for their storage, provide IT services for the sector, in particular for business process automation connected with trade, and we provide assistance in trade.

We also operate in real estate sector, investing in construction projects, adapting interiors for residential and utility purposes. We manage, rent and trade in property as well as facilitate author's IT tools that support the process of selling real estate via Internet.

We take an active part in specialised consulting, i.e. we conduct industrial analyses, due diligence analyses, prepare case studies, entry strategies on the Polish market, business plans and project documentation for infrastructural undertakings.





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Contact details

## **OFFSHORE INSTRUMENTS**

**Sp. z o.o. Sp. k.**

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FAX: +48 22 212 86 61

[office@offshoreinstruments.com](mailto:office@offshoreinstruments.com)

[www.offshoreinstruments.com](http://www.offshoreinstruments.com)



**An investment company that takes part in real estate trade as well as high-quality trade in Diesel Fuel EN 590 6ppm without added bio-components for production and construction companies.**

We own specialised auto cisterns with the volume of 12,000-30,000 litres, which deliver the ordered goods directly to the Customer. The majority of our auto cisterns are equipped with pumps and distribution hoses with the length of 45 metres that allow for unloading petrol to ground tanks.

We also offer our Customers rental of plastic ground tanks with the capacity of 2,000-5,000 l and equipped with distributors. All orders are supported by a highly innovative transaction system that fosters order automation from the moment of its automatic ordering to the execution and delivery at a designated place.





## Online advertising campaigns

A company entering the virtual world or already having a website must exist in the consciousness of Internet users - an unlimited group of potential customers. That is why our team is paying special attention to advertising on the Internet. Internet advertising belonging to the ATL activity group, meaning impersonal media - reaches a large audience.

As a result, our customers or their products, which we show on the Internet, are becoming more and more known and recognized. What's more - this ad is incomparably more effective and at the same time definitely cheaper than it is in the case of traditional marketing. That is why we offer you the most measurable results and target market in image advertising, including:

- Website and SEO
- Google AdWords
- Internet PR
- Monitor the effectiveness of promotions with CTR, pageviews, and pageviews.
- Mailing and promotional letters

## Star-up support in the construction industry

The development of new technologies is strongly pursued in every innovative industry, especially in the case of the construction industry. Seeking the right business model or optimum sales market, this is the next Offshore Instruments specialization. We can provide comprehensive assistance on these most difficult stages of an idea that has the potential to grow into something really serious and thus help the development of the construction industry.



## NPRS (Net PR Synergy) is the perfect support during the crisis.

The image is created for years but can be lost in an instant. Economic slowdown forces companies to revise their existing Public Relations strategies. That's why Offshore Instruments has created a solution that will help you significantly reduce the risk of Google's top 10 search results (top 10 and top 20) and replace them with the ones we would like to see first.

Net PR Synergy is based on the support of PR tools with SEO tools. Carefully selected articles published on the Internet, blogs, opinions on on-line forums, etc. are positioned by the content method on the list of results of popular search engines. With this kind of treatment, we can manage the messages that appear on a particular topic in Google's search engine, while "moderating" what appears after typing a key phrase.

## Support and optimization of processes in the construction business

It is well known that every construction investment is a multitude of activities, involves simultaneous execution of a multitude of processes and involves specialists in various fields. It is very important that all these processes be carried out smoothly, without unnecessary delays and organizational collisions and conflicts. Knowing the proper process involved in the construction of the facility, we are able to efficiently simulate its course and find places where problems may arise so that we can quickly and easily verify whether the process can be improved and then propose changes to avoid any problems.



## Doors

Modern and aesthetic doors made of solid wood (pine, oak, meranti). We produce technical, external and internal doors. We can execute even the most sophisticated project.



## Casement windows

Historical casement windows. Our ancestors used to mount them in manors and tenement houses. At present casement windows are also mounted in modern houses where we preserve old traditions. They meet requirements for thermal insulation.



## Framework windows

Framework windows come in three profile thicknesses, i.e. 68mm, 78mm, 92mm. Profiles in all thicknesses can be made in three versions: soft line, hard line and retro line. They can be used for various purposes as well as are available in a number of properties and styles.





Eastern Construction Cluster  
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## Contact details

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skype: drewlux1

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# DREW LUX

**DREW LUX is a Polish company that has operated on the Polish and international markets since 1990.**

We manufacture functional, contemporary and aesthetic solid-wood doors for offices, apartments, workplaces and state offices. Our products are characterised by elegant design, a wide range of colours, beautiful décor and innovative varnishing technology. The doors are made of solid wood.

Continuous supervision conducted by the technical staff and the company's owner in the production process ensures high quality of such products as: internal wooden doors, external wooden doors, technical doors, fire-proof doors, window sills, stairs etc. A modern machine park, specialised technical personnel and a professional team satisfy the demands of every order that can be made of wood.

**We execute every order, be it doors, windows or stairs.**

“With 25 years of market experience, we know everything about wood. We execute every order, be it doors, windows or stairs.”





## Internal doors

### Interior doors:

we produce doors with thickness of 43 mm. Door frames are made from selected wood, glued together constructional. The design and materials of the boards depend on the door model. We stick with eco-friendly adhesives moisture - class D - 4.

### Sealing:

for silent closing and noise suppression, the gasket is fitted as standard in the frame.

Internal door fittings as standard: hinges, lock, (door handle). Ventilation sleeves in colors: gold, patina, satin, chrome - on customer's order.

### Windows:

Decorative, safe, sanded, chamfered, convex, stained glass, etc... on customer's order.

### Painting materials:

All doors are painted with ecological water-based varnishes SIKKENS, SIGMA, GORI, TEKNOS etc. Colours are chosen from the available palette.



## Technical doors





# External doors

## Exterior doors:

The door wings are manufactured in two thicknesses: 56 mm and 68 mm. Door frames are made of selected wood glued with a constructional method. To reinforce the resistance to warping in the vertical frames of the door there are glued two 3 mm thick aluminum bars. The design and materials of the boards depend on the door model. Wood is glued with environmentally friendly adhesives, resistant to moisture - Class D-4.

## sealing and insulation:

In order to protect the apartment from adverse weather conditions we use a double seal. Produced doors are energy-saving by using insulating boards with insulation materials of thickness from 8 to 16 mm depending on the thickness of the sash. Slabs and glazing units for tightness are siliconized on both sides of the sash around the perimeter.

## Fittings:

adjustable hinges in three planes, anti-locking lock, four-bolt lock with two certified inserts or two Yale locks, custom-made door handle, aluminum or wooden threshold

## Windows:

combined single chamber. On request, mounted glass: reflective, antisol, matt, stained glass, anti-burglary, bulletproof.

## Paintings:

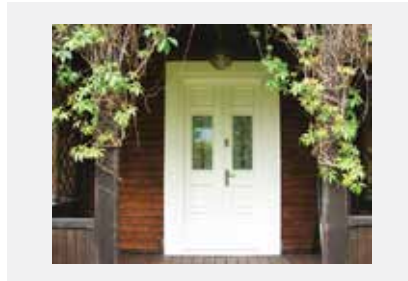
The door is painted with ecological water-based varnishes SIKKENS, SIGMA, GORI, TEKNOS etc. Colors according to the palette. For full weather resistance we also impregnate before painting.



# Wooden stairs



# Our projects



## Sanitary installations

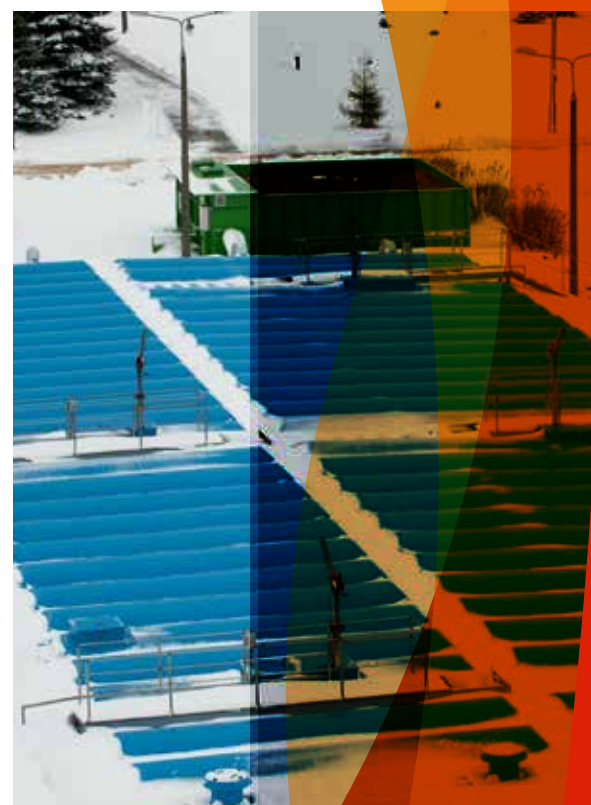
Our offer includes complex hydraulic services. They are connected with project preparation and the construction of diversified sanitary installations. All works are executed upon arrangements made with the Customer. Our specialists, thanks to their long experience and excellent skills, guarantee top quality and professional approach to every task.



Offer

**Izoterm s.c. offers professional services within designing and constructing single-family, multi-family developments as well as public utility buildings and industrial facilities in the following scope:**

- mechanical ventilation and air-conditioning systems,
- ground heat exchangers,
- central heating installations (radiators, floor and hot-air heating),
- external network systems and water system connections,
- sanitary and rainwater sewage systems,
- gas, heating installations together with treating rainwater and irrigating green areas,
- heat sources: heating facilities and networks, solar energy collectors,
- photovoltaic sources, heat pumps.





Eastern Construction Cluster  
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Contact details

## **IZOTERM s.c.** **Usługi Instalacyjne**

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phone: +48 87 566 37 39  
izoterm suwalki@wp.pl



### **Our specialisation**

The registered office of Izoterm s.c. is in Suwałki. The company specialises in contracting, designing, supervising and managing construction works in the field of sanitary and heating systems and networks. We offer the possibility to coordinate operations from the moment of devising a concept, through the design and its arrangement to the execution and final acceptance of investments.

### **Experience, expertise and passion**

The company was established in 1992 with a view to implementing innovative and ecological technological solutions in sanitary and general construction operations. The experience we gained over the many years of our activity allows us to provide our Customers with professional advice and aid. We employ experienced and qualified specialists who conduct complex investor's supervision and provide investment consulting services.





## **A wide range of executed investments**

While cooperating with reliable partners, the company has executed a number of complex construction projects that include architectural projects, construction facilities as well as electric energy, telecommunications and road systems and appliances. The company is also experienced in executing projects that pertain to general contracting of the "design & build" system.

For over 20 years of our history we have executed a number of investments such as:

### **Several dozen low- and high-parameter heating facilities with the power of 1700 kW in e.g.:**

- Residential district heating facility at ul. Pionierów 2 in Węgorzewo,
- Agricultural Schools Complex in Dowspuda,
- High School in Sejny,
- The A. Salawa Church in Suwałki,
- Sewage Treatment Plant in Białystok.

### **Internal sanitary systems, external networks, e.g.:**

- Primary School in Świętajno,
- McDonald's restaurant in Suwałki,
- Gymnasium at the High School No 2 in Suwałki,
- Intermarche supermarket in Giżycko,
- Żubrówka Hotel in Białowieża (stage I and II),
- SKODA auto pavilion in Suwałki,
- Laboratories of the State Vocational High School in Suwałki.

### **General contracting of the facility:**

- Ahtel production and storage hall at ul. Sportowa 45, Suwałki.



**Our engineers also act as substitute investors at investments significant to Suwałki and the region, e.g.:**

- The construction of the Alfred Lityński MUZEUM WIGIER in Stary Folwark,
- Constructing and launching new facilities of the Science and Technology Park Polska – Wschód in Suwałki,
- Expansion and reconstruction of the State Music School in Suwałki,
- The City Centre for Public Services, Culture and Sports – the Concert and Theatre Hall in Suwałki,
- The construction of the Tesco Extra supermarket in Suwałki,
- The construction of the container plant nursery in Suwałki.

## Our brand

1. We are thinking about the needs of our clients
2. We design a transparent purchase process
3. We develop a customised offer
4. We develop solutions for our DISTRIBUTORS
5. We are a TRUSTWORTHY company
6. We QUICKLY react to changes in the market!
7. We are ALWAYS competitive!

## Current achievements

Dedicated production is carried out on carefully-selected - most technologically-advanced production lines in the world. The most renowned world designers prepare for us dedicated designs of collections. The design follows the results of research of preferences of Polish clients, which we regularly perform.

All brands has a well-established position in Poland, they are recognized and holds one of the leading positions in the country as far as production and sales are concerned. The company is capable of adapting its technological process to Clients' expectations in a fast way. We use our experience. We operate with passion and commitment.

We take over the burden from our Clients at each stage of the order execution.



## The company

In 2003, Unlimit LTD was established, which, since the very beginning of its existence was connected with the sector of interior design.

In 2010, the Unlimit company was transformed into Vindren Sp. z o.o., which conducted a commercial-production activity. The Vindren Group employs more than 100 people all over Poland.

The company also has two foreign branches, Vindren China and Vindren India, which supervise all processes, both production and logistic.

Commercial contacts are at the B2B and B2C level.

### CERAMSTIC

The Polish Ceramstic brand of ceramic tiles has been in the market for more than ten years.

The brand has a well-established position in Poland, is recognized and holds one of the leading positions in the country as far as production and sales of ceramic tiles are concerned.

Currently, the Company is an unquestionable leader in the segment of polished, glazed and non-glazed (in-mass colour coated) gres tiles and large-size wall tiles.

### MORGAN & MÖLLER BETON ARCHITEKTONICZNY

Morgan & Möller is a brand of architectural concrete. At the moment, the offer of the company is most extensive in the Polish market, at the same time being highly original in view of the design, as well as flexible as far as clients' needs are concerned.

It covers both boards, tops and furniture and accessories, as well as customized elements.

### RUBTILER

The second life of tyres. Rubber granulate is used for various types of safe surfaces in sports and recreation sites.

- Boards and jigsaw puzzle decors made of granulate
- Rubber paving stones made of granulate
- Safety floors for gyms made of granulate
- Playgrounds for children
- Boards with artificial grass
- Small architecture elements
- Safe breeding boxes and mats



Eastern Construction Cluster  
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[www.vinderen.com](http://www.vinderen.com)



**Over the years we manage to create our own system of solutions for clients.**

We have created a team of professionals and technologists, as well as a Management Team who, during all those years, have executed several hundreds of orders. The company's products have been appreciated and awarded by the sector on numerous occasions. The experience and knowledge of our team results from observation of trends and market results analysis. Thanks to that, we can ensure not only modern, but also effective approach to business.

The offer of our brands is based on the values which are important for us: Ecology, Natural materials, Design, Safety, Complementarity, Trends.

Vinderen Mikspol is the owner of the following brands.

**MORGAN & MÖLLER**  
BETON ARCHITEKTONICZNY

**CERAMSTIC**

*Ballerot*

**ALGAENAUTIC**

**RUBTILER**



**Vinderen**



## MARIUSZ FILOCHOWSKI

Vice President

The decision on investing in business models of the brands Ceramstic and Morgan Moller resulted from observations of market trends within interior decorations and the demand for non-standard, designer solutions in that scope.

In terms of Rubtiler, we have observed the direction of the developing legal provisions on environment protection.

Already now I can say that the direction of this investment was successful since the financial results from the recent years make it obvious that these are promising, dynamic brands. Hence, investing in them are a good path to success. These brands have brought profits for many years and they will continue to do so.

The dynamics of sales growth exceeds several dozen per cent. This also concerns the dynamics of the growth in profits. The recognisability of Ceramstic brand, which belongs to our company, only in the last year has doubled, which allows us to take an optimistic look on the future.

The success achieved by the company is not only the top quality of Ceramstic tiles, cooperation with talented designers and care for the Customers' trust, but also wise and efficient management of the company and its finances. I do not allow the company to get engaged in financially tempting, but risky undertakings such as e.g. financing options. I can only allow myself for such measures as a private entity and I believe that this approach distinguishes me from persons in charge of companies that get involved in risky financial activities.

I believe that every person should do what he is best at. And in case of a manufacturing company, this excludes speculations on financial markets.



# CERAMSTIC

The Ceramstic tiles, inspired by nature, are distinguished for their unique and often avantgarde design. Creating our collections, we have developed co-operation with two best ceramic tile studios in the world, Tecnografica and Stylgraph in Italy.

The design follows the results of research of preferences of Polish clients, which we regularly perform.

Production of Ceramstic ceramic tiles takes place on fully-automated, computer-controlled, some of most technologically-advanced production lines in the world. Among others, we have super-advanced DIVARIO technology in place for production of in-mass colour plated tiles.



# MORGAN & MÖLLER

BETON ARCHITEKTONICZNY

The Morgan & Möller products are addressed to a demanding client, who is aware of the trends in design and who thinks of interior design in an unconventional manner.

The Vinderen Mikspol LTD company, at the time of its establishment in 2010, took over the whole know-how of the construction chemistry plant Mikspol and its experience going back to more than 30 years in history.

At the beginning, the company continued the construction chemical production under the new brand of ROTBERG. Due to the demand in the market, the plant extended its profile to architectural concrete products under the brand of Morgan & Möller.

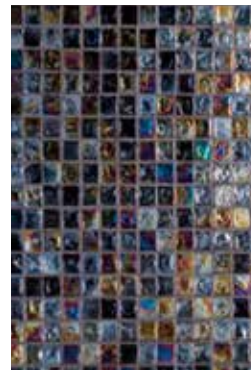




# RUBTILER

Advantages of application of flexible surfaces:

- Protection of joints and bone system of users
- Safety of elderly people and young children
- Elimination of dust which may cause irritation of the respiratory system
- Elimination of dirt caused by traditional surfaces
- Possibility of use of the site soon after heavy rain
- Increase of the site's aesthetic appearance
- Resistance of the surface to changing weather conditions
- Protection against injuries caused by falling
- Easy assembly





# OEGA

## Keep COOL

### Benefits of ICE – ON™ system:

#### **Sustainable:**

Reduces carbon emissions by lowering electricity consumption, does not use any toxic or hazardous materials and can be disposed via traditional waste streams or processed for further use and recovered/recycled.

#### **Cost-effective:**

ICE – ON™ systems are significantly cheaper than alternative chemical batteries e.g. lithium-ion. This translates to lower: life-cycle cost, capital costs, LCOE of renewable energy processes, cost to support the cooling equipment, energy use and energy costs.

#### **Simple:**

ICE - ON™ storage is maintenance-free, plug-and-play, requires no battery management, utilizes the same refrigerant as the main cooling installation and is compatible with all HVAC or industrial cooling systems using chilled water. Installing the system allows for deferral/elimination of costly electric transmission and distribution improvements/investments.

#### **Reliable:**

ICE - ON™ storage is built to last at least 25 years. Unlike chemical batteries, there is no degradation and thus no capacity loss during its whole life-cycle. Can be fully charged and discharged on a daily basis and operate simultaneously during this process.

#### **Safe:**

Non-flammable, non-toxic, non-explosive and non-hazardous. ICE - ON™ is the safest choice compared to the flammable organic solvent in lithium ion batteries and caustic sulfuric acid in lead acid batteries.

#### **Flexible:**

ICE – ON™ systems are available for businesses & utilities, they are fully scalable and have the highest flexibility by offering storage, cooling, demand response and smart operation in one solution.

#### **Smart:**

Equipped with cutting-edge DERMS, operation and monitoring software, our ICE - ON™ systems are smart remote-controlled assets that interconnect to create a fast-acting real-time VPP.

#### **Integration of RES:**

The ICE - ON™ storage can be integrated with renewable solar and wind generation mitigating renewable energy intermittency, balancing daily demand, production and consumption of electricity, stabilizing the grid and increasing the renewable energy value proposition.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

### OMEGA

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[office@omegainnovations.eu](mailto:office@omegainnovations.eu)

# O E G A

**Our mission is to provide customers with state-of-the-art, innovative and highly cost-effective intelligent thermal energy storage by building a cleaner, smarter and safer distributed energy infrastructure.**

Omega develops intelligent and innovative thermal energy storage solutions that can be seamlessly integrated with existing HVAC equipment and industrial process cooling installations using chilled water, transforming them into efficient cooling systems.

Our ICE - ON™ energy storage is a low-cost, long-life, safe and high-performance asset that improves flexibility and reliability of the grid and reduces electricity consumption of energy-intensive cooling systems.

Installing the ICE - ON™ system lowers electricity bills for businesses and provides stability and resilience for the grid, while at the same time reducing harmful carbon emissions.



## ICE - ON™ Technical Specifications:

### Cooling Capability

- Maximum Cooling Load.....30 kW
- Total Storage Module Capacity... approx. 100 kWh

### Off-peak Ice Make

- Scroll Compressor.....6 kW
- Ice Make Time (full make).....6 hours (outside temp. 13°C)
- Ice Make Time (full make).....7 hours (outside temp. 24°C)

### Ice Storage

- Tank Capacity.....2000 litres
- Thermal Storage Capacity (latent).....100 kWh

### Refrigerant Management System (RMS) & Compressor

- Refrigerant.....R404A

### Controller

- MCX (Built-In Web Server & Data Logging) – Danfoss
- Vision BMS & Nazca – APA Group

### Electrical Requirements

- B30A-380V 3 phase.....20A min. service

### Physical Properties:

- Size.....3500 W x 1600 D x 1300 H

## Cool, clean, in control

The patent pending core technology of the ICE - ON™ is a result of years of R&D work. Its uniqueness lies in the innovative design of the heat exchangers, the first of its kind that allow for cyclical removal of ice and its accumulation with unvarying compressor performance and without sacrificing the efficiency of the unit.

The ICE - ON™ effectively levels energy loads and shifts energy usage from peak to off-peak periods, when electrical costs are the lowest. The system also reduces the LCOE (levelized cost of electricity) of renewable energy processes and accommodates the implementation of renewable energy sources.

It is scalable, reduces electricity consumption along with cost and provides stability and resilience for the grid, making it a useful asset to both utilities and businesses.

We believe that energy storage is only as valuable as the platform that is used to control and monitor it. Our ICE - ON™ systems are equipped with cutting-edge DERMS software that interconnects the devices creating a fast-acting VPP, allowing them to be remotely controlled and serve as powerful tools in DSR. The ICE - ON™ system offers the needed flexibility solution: storage, cooling, demand response and smart operation at high efficiency and low cost.





The sealing flanges and roof coverings are an integral part of ZFO's offer. Their design ensures compatibility with ZFO windows or with other products available on the market, and in this case significantly increases their energy efficiency by affecting the heat loss, resulting in emerging thermal bridges, visible during the thermal research of individual investments. Increasing energy efficiency. By sealing these sensitive areas, it reduces the risk of flooding or dampness, and consequently eliminates the formation of fungi and molds - difficult to eliminate.

The dominant strength of ZFO as a company, its potential is primarily its staff. She has a wealth of professional experience and a strong determination to take action that will enable her to bring innovations to the market and to increase her competitiveness on the window joinery market.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

### Zambrowska Fabryka Okien

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**ZFO**  **Zambrowska  
Fabryka  
Okien**

**Since ZFO was established it has been working on sustainable development to meet the highest social and environmental standards in the market (environmentally friendly and human products).**

Products sold by us are FSC-C127137 certified. The certificate of wood origin certification guarantees that the raw material used for the certified windows comes from a forest managed in accordance with the principles of proper forest management. The standards also cover rules for the control of raw material transport, so that customers are assured of the origin of the wood.

We have decided to expand our business and start producing PVC roof windows. It is planned to purchase and implement technology in the form of non-patented technical knowledge and purchase of machinery to start producing innovative products from international scale. Current prospects in this sector tend to be eco-friendly and energy-efficient.



# ZFO **Zambrowska Fabryka Okien**

Buyers of roof windows expect high quality, understood primarily as durability at a relatively low price. In addition, the environmental impact of the product is becoming increasingly important. ZFO notes this need and after careful analysis of the market opportunities it has decided to start production of eco-friendly PVC roof windows. It wants to adapt to the expectations of customers by guaranteeing high quality of products, innovative profile with nice shapes and wide range of colors of the product, at the same time attractive price, which will be the factor determining the sales volume.







Roof windows are an integral part of newly erected buildings. At present, one-storey buildings with attic floor are being designed and built. Roof windows are a mass product, commonly available and used in construction. Consumers of this product can be both individual customers and general construction companies. Nearly every house designed by architects at the design and construction stage has at least 2-4 roof windows.

They are especially popular with investors because they allow you to get additional living space at a relatively small cost. They open up new possibilities in contemporary architecture and interior design. When applying roof windows to adapt an unused attic, we can easily change it into functional and free styling interior for work or leisure.

Roof windows are a modern way to light rooms in the attic under an inclined roof. They are installed in the hole cut in the roof, between the rafters, practically anywhere, so their use does not require interference with the roof structure and does not disturb the body of the building. They can be used without any problem in the case of roofs repaired and adaptation of the attic for residential purposes. Roof windows provide up to 50% more light compared to vertically mounted windows. Windows can be used in all types of rooms: bedrooms, bathrooms, kitchens as well as in dressing rooms, corridors or stairwells.



## Current achievements



The company has executed thousands of projects and cooperates with regular, satisfied Customers, among whom we expect to invite also you.

Extensive experience in the industry and the knowledge of the needs of our Customers have led to the creation of a rich assortment of top-quality products that are reliable, functional and highly aesthetic. We have enriched our offer with the latest technology connected with window shade automation and steering with the use of a smartphone as well as similar devices.

## Future plans



Our plan for the future is to continue further, intensive development and launch latest products dedicated to energy-efficient and passive construction, recently available on global markets.

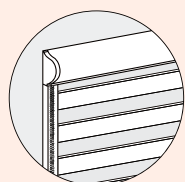
We still intend to invest in technological, organisational and human growth, expand our expert knowledge and skills, as well as master the management system in order to maintain our leading position on the market.



## The company

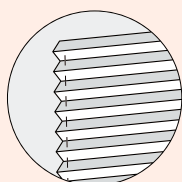
Large demand for high-quality window shades was a factor leading to opening our business activity in 2003. After several years of efficient management, effective work organisation and employing competent co-workers brought the dynamics in the company's development and strengthened its market position.

Thanks to increased commitment of both the owner and his employees, Vemar is a stable, solid, reliable company with concrete plans for the future and an open mind to the novelty.



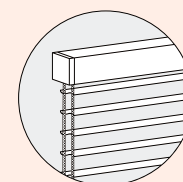
### Roller-blinds

Available on our offer, highly popular with our Customers. At daytime they allow for regulating the amount of sunshine coming into the room and after dark – the feeling of safety. We offer various options such as: free-hanging, window, Day & Night Elegance, Duo 3D, large-format and façade blinds.



### Pleats

Our assortment also contains high-class pleats available in dozen variants of shapes. As a pleat manufacturer, we offer screens that aesthetically cover almost every type of window frame. A wide range of fabrics with the possibility to reflect sunrays ensures the protection of interiors against heating.



### Duo 3D blinds

An innovative combination of a fabric blind's effectiveness and the functionality of shutters. This system of shading interiors is characterised by excellent quality and elegant design, at the same time ensuring good protection against sunshine. A horizontal arrangement of strips allows for smooth regulation of light that enters the room, without the necessity to lift the blind.





**Mariusz Czarnomysy**

Owner

Our measures are aimed at maximising Customer satisfaction. We do our best to execute orders in the shortest possible time. All our products are stored in our own warehouses, which fosters immediate reaction, supported by our efficient staff.

We take due care so that high stocks of the offered products allow for satisfying the needs of our Customers, ensuring the on-going flow and regularity of supplies.

Our textiles are attested in accordance with the binding standards. They stand out in terms of their wide range of colours and versatility of patterns. We also offer fabrics of unique compositions, manufactured on our request and non-existent with other suppliers.

Our well-established experience and acquired skills allow us to offer low prices at simultaneous high quality of materials.

Explore our offer and enjoy convenient conditions of cooperation. We stay open to your remarks, suggestions and observations.



### Pleats

Pleats are used with various types of windows, also those of uncommon shapes such as: triangles, trapeses and ovals. They effectively protect a given fragment of the window against light, thanks to the possibility to move the upper and lower profile. An attractive collection of textiles and a wide range of profile colours allow for perfect pleat adjustment in terms of its aesthetics and functionality.



### Duo 3D blinds

A stylish and functional window shade, an ideal solution for modern rooms. The blind is provided with special fabric of spacious composition, thanks to which you can regulate the amount of light coming from the outside without the necessity to lift the blind. The blind is mounted in an aluminium cassette, which fosters its quick assembly and disassembly.



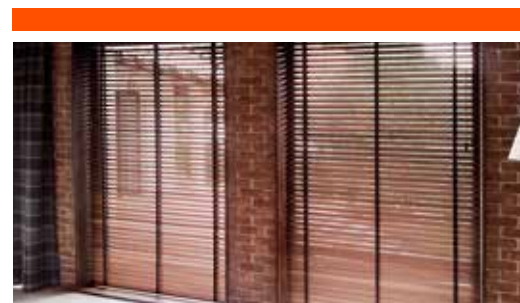
### External shutters

Shades mounted on the outside. They come in various assembly options: wall, window frame installation or complete covering. Their use is chiefly aimed at protecting the interiors against acts of vandalism and burglary. They also function as insulators and thermal protectors. With the use of a wide range of boxes, guides and profiles you can ideally adjust the blind to the elevation.



### Day & Night roller blinds

Blinds with two layers of striped fabric that can gloss across the other, giving you total control over light. They are available two options: free-hanging, window, with our without a cassette. A large collection of textiles and colours allows for optimising the choice of a blind to the interiors decoration.



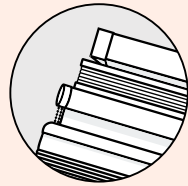
### Internal shutters

The most universal internal shades. Thanks to their properties, they can be applied in almost any room. We offer several types of materials: aluminium, high-quality wood, bamboo of a wide range of colours and compositions. The possibility to lift and regulate the angle of laths ensures the regulation of natural light entering the room.



### Façade blinds and Sunbreaker

External shading of windows, façades and other types of large glazing. They can be mounted on vertical and horizontal planes. The blinds are composed of flat movable slats made of aluminium tape. They effectively protect the rooms against heating, create convenient optical and thermal conditions and lower noise levels. Perfect for modern architecture.



## PRODUCT OFFER

Vemar offers window shading mounted on the inside and outside of the rooms, such as:

- **internal shades:** textile blinds, Roman shades, Duo 3D blinds, pleats, panel track, shutters, curtain rails, curtains and drapes, Shutters, shading systems automation and steering;
- **external shades:** anti-burglary external blinds, mosquito nets, sunshades, pergolas, façade shutters, shading systems automation and steering.

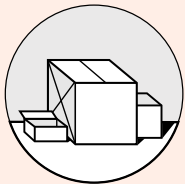


## COOPERATION OFFER



We offer cooperation in many areas:

- **Window and decoration companies** – wholesale of finished products,
- **Window shade and decoration manufacturers** – wholesale of elements and textiles for manufacturing blinds, pleats etc.,
- **Designers and architects** – an attractive cooperation programme for designing and architectural companies,
- **Renovation and construction companies as well as property developers** – convenient conditions of cooperation as well as professional support.



## SALE OF COMPONENTS



We export components for manufacturing all sorts of window shades: blinds, pleats, mosquito nets, Duo 3D blinds, Roman shades and various textiles.

We can train the staff in terms of ensuring high quality of system production. We offer the necessary tools.

We dispatch goods by means of a forwarding company. For large orders we can deliver goods by our own means of transport.

Our offer also includes sales of finished products.

## Current achievements

13VIP owns two salons in Poland and one in Sweden under the name of 4HOME&KITCHEN. Since 2001 we have cooperated with many companies in entire Europe and our largest group of customers is in Central and Eastern Europe as well as Scandinavia.

We belong to the consortium of companies "Comfortable House", which provides complex services to investments conducted by small developers and individual customers.

We are a member of the Eastern Construction Cluster and together with other members we provide services to institutional customers and large-scale development investments in entire Europe.

## Future plans

We wish to enter new markets with individual, high-quality products at investor-friendly prices. We plan to open new salons under the brand of 4HOME&KITCHEN.

Our development goes hand in hand with the development of the companies we cooperate with. Thanks to this we have gained the possibility to deliver products to any place in the whole world, therefore we plan to expand the market by continents outside Europe.

Thanks to the cooperation with renowned interior architects and our business partners, we create innovative products that we would like to sell on the international market.



## The company

13VIP has operated its business activity since 2001. For 16 years we have designed and provided top-class kitchen furniture and its fittings on individual request not only in Poland but also abroad. In recent years we have been improving our dynamics in gaining the market share in Poland, EU countries as well as Central and Eastern Europe.

We would wish the question:  
*"Have you ever been in a place where customer satisfaction is the most important?"*  
to be answered with the words:  
*"Yes! Such a place is 4HOME & KITCHEN salon!!!"*

## Empathy

Empathy is the starting point to creating your kitchen. We do our best to put on your shoes and look at the world from a different perspective. Empathy is also emotion – we care for people's feelings. We reach for the needs the user speaks nothing of and solve his problems. Joint creation of the kitchen in cooperation with the customer guarantees its personalisation and supports individualism.

## Professionalism

We provide professional care over your kitchen. Our professionalism is based on tradition, experience and know-how. We perceive it as responsibility and support for a stable brand. We keep all our promises, which ensures your safety, comfort and peace.

Professionalism means solid quality supported by a 5-year guarantee in order to derive joy from your kitchen for a long time.

## Functionality

Kitchen is a place full of life. Hence, the functionality of your kitchen is our social responsibility. The functionality relies on ergonomics, guarantees order and comfort of use. A functional kitchen saves time that can be devoted to family. We can guarantee the functionality of your kitchen thanks to our innovativeness and best materials.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

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“Designing is like cooking. The recipe seems the same but works differently for different people.”

**13VIP meets the expectations of even the most demanding Customers. We specialise in designing and constructing kitchens. We arrange and perform author’s furniture designs. We offer furniture of the best Polish and West-European manufacturers that are designed by 4 HOME & KITCHEN team.**

Our long experience in trade translates into understanding the needs of persons who arrange their house or flat. We cooperate with individual clients, architects, commercial investors and developers. We provide complex services to investments, also turnkey projects.

We offer solutions within storage systems of the Swedish company Elfa, where law and order reigns and every object has its specific place. We also deal with distributing global brands connected with kitchen fittings.

We rely on companies with stable and strong position on the market. We are an authorised distributor of the global leading brands such as: Miele, Gaggenau, Liebherr, Siemens, Liebherr, Siemens, Smeg, Electrolux, AEG, Kuppersbusch, LG, Samsung, Faber, Falmecc, Bosch, Beko, Sharp,

Gorenje, Franke, Blanco, Best, Elica, CaesarStone, Laminam, Raumplus, Elfa, Villeroy&Boch, Schock, KWC, WMF, Silit, Bugatti, Staub, Peugeot, Zwilling, KitchenAid, Morphy Richards, Wesco, Ballarini, Sigg, Epicurean, IVV, JosephJoseph, Guzzini.





## Piotr Zubrycki / Aneta Zubrycka

Co-owners

The idea behind 4HOME&KITCHEN was concentrating all issues connected with the kitchen in one place. The kitchen is the heart of the house. A place full of life. I wish that every kitchen is designed, made and fitted in such a manner that time spent there becomes a pleasure and that every person interested in our services is proud of this place.

We offer our professionalism, empathy, functionality and stability. This idea proves 100%.

We also focus on executing investments and orders for estate developers. Our business partner is assigned an individual serviceman. He can rely on professional assistance, consultancy and quick order execution. We cooperate with a team of experts in the furniture sector, thus the time for executing developers' orders for furniture fittings is reduced to minimum.

Our core business is based on materials of the highest quality and patterns that follow the latest trends of the renowned and innovative European brands such as:

- We put a stress on designing kitchens in such a manner that work becomes as easy as possible to its user,
- We benefit from all sorts of research on ergonomics and work technology and we communicate this knowledge to our currently cooperating designers,
- We apply a range of technological solutions that raise functionality and improve work ergonomics,
- We implement patterns that follow global trends and we aim to be pioneers in implementing new patterns,
- This is possible thanks to the fact that we follow market tendencies and that we are supported by brand manufacturers of pattern-shaping materials,
- We also stay current with innovative trends in colours and patterns that would never be used as yet, thanks to which we are able to be one step ahead of our competition.
- Each new pattern collection is consulted with designers – thanks to this we are better adjusted to the market.

Our mission is maintaining our high ranking in the sector. This is possible thanks to conducting measures, where our experience, professionalism, passion, innovation are combined in a perfect harmony of unique atmosphere in every room.

"Always close to people."



## Home appliances

A friendly kitchen is the one where we spend our time with joy, preparing meals for us and our dearest. However, strenuous activities: cutting, drying, grinding deter us from this place. The vision of spending long quarters on manual cutting and mixing are a nightmare for contemporary householders. But not for those who have chosen modern, innovative home appliances from our offer, which transform tedious chores into a wonderful adventure.

Aesthetically made in every detail, the design of our appliances makes them a decoration of every kitchen. But the most significant value of the devices on our offer is their functionality.



With a classic knob or a sensitive sensor or touchscreen of high definition, handling appliances is easy and pleasant. This is accompanied with a whole range of comfortable and reliable automatic programmes with the "Guarantee of success", and attention to detail.

Home appliances: modern and creative – for you and for the house.

Our devices are highly specialised. All of them are made of high-quality materials that allow for their intensive, long exploitation. A crucial factor that provides arguments for their selection is also the simplicity of their handling ensured by the intuitive menu.



Make the usual into the unusual and let festive days become even more celebratory: cooking, serving, table-setting is even more pleasurable thanks to top-quality tableware. It is important to have proper crockery and cutlery as well as wine glasses and decorative items especially for holiday and special occasions.

All sorts of devices that can be classified as small home appliances are those that are extremely valuable in their everyday use. Mixers, blenders, coffee machines or kettles are indispensable elements of the equipment in every house. It is worth paying attention to their good quality and functionality.





## Designs

We undertake complex designs of furniture and interior details.

In the course of the designing stage we pay attention to the smallest details. We take a global approach to the order, not only focusing on a piece of furniture but also its surrounding.

We value challenges and innovative solutions. We can design both modern, rustic as well as stylish kitchens.

Before we start designing, we analyse the investor's needs so that the furniture can meet his expectations.

In the creation phase we are predominantly interested in functionality and ergonomics which result in the proportions and colours of the designed space. We believe that an ideal design is the one that leaves no ground for comments.



## Logistics and service

We seek to provide protection to all our business partners for every product we deliver. Therefore, we are able to offer our customers even 30 years of warranty!

A crucial stage in our complex investment servicing is delivery, assembly and service of the products on our offer. All goods comply with the standards on the markets they are delivered.

We provide logistics services to the entire investment. We make sure that all elements of assembly have a proper order. The assembly is performed by a team of reliable professionals with necessary licences.

On the day of signing the agreement, we give a precise date of starting the assembly. We take a realistic approach to defining the completion date of our work.



## Functional solutions

Unusual solutions within storage systems that we offer, allow us to create an ideally functional space, where law and order prevail, where every object has its place. Despite that, the unusual thing is that our storage systems "grow" with the user.

The mobility of the system creates a vast possibility of its adjustment to the changing needs. We can organise a playground for a pre-schooler or a place of study for a high-school graduate, a wardrobe for a little girl or a garage for a car mechanic.

Our systems provide an ideal solution particularly for small, cramped rooms. We make wardrobes, systems for all house, office and utility rooms.

## Current achievements

As a leading manufacturer of EPDM rubber sealing systems in Germany, we possess not only decades of experience in developing rubber compounds, but our own production facilities as well.

In 1985, ThermoFast® welding technology was developed for our sealing membranes and prefabricated membranes, a significant milestone for the success of SaarGummi Group in the building industry.

Reliable seam welding of the membranes is assured by this technology. Therefore, a safe sealing system is created as if from one-piece.

In 2016, SaarGummi brought a new roofing membrane to the market - this patent-pending NovoProof® DA-FG is an answer to the increasing requirements on roofing membranes.



## Future plans

We are fully committed to continuously developing and improving our NovoProof® EPDM rubber sealing systems in the future.

Our aim is that every roof, façade and pond in the world will be protected by NovoProof® sealing systems from leaks.

## The company

- 1947 SaarGummi-Werke GmbH was founded to produce automobile tyres, shoe soles, plastic and rubber parts
- 1959 SaarGummi is the biggest shoe sole manufacturer in Germany
- 1966 Production of roof sealing sheets and waterproofing made of EPDM/butyl rubber for flat roofs, facades and water bodies
- 1969 Start of production of gaskets for windows
- 1985 Development of the ThermoFast® Welding Technique for waterproof sheets and membranes
- 2009 DuraProof technologies GmbH was founded to bundle the Non-Automotive-activities of the SaarGummi group
- 2011 Takeover by CQLT International Investment Company Ltd. China
- 2013 Integration of production Non-Automotive
- 2015 SaarGummi Construction GmbH was founded to coordinate international distribution and development of new business units in the building industry
- 2016 NovoProof® DA-FG was developed



### NovoProof® Roof sealing system

A watertight roof guarantees a long service life of all other building components underneath. Our NovoProof® sealing sheets and membranes function as waterproof skin for bungalow, garage, balcony, terrace, as well as large industrial and distribution centre. They are heat- and frost-proof which can be installed down to -10 °C. The synthetic rubber EPDM is root-resistant and therefore ideally suited for green roofs. It stays elastic, maintenance-free for more than 50 years and outperforms competing materials.



### NovoProof® Facade sealing system

NovoProof® sealing products are made of unique high-performance EPDM rubber compounds. NovoProof® sheets and membranes can be outfitted with piping profiles that enable a 100-percent connection security between windows and façades. Energy resources benefit from this improved sealing technique which reduces pollution and energy costs. Our waterproofing membranes with custom-fit preforms for connections and closures as well as our modern adhesive systems are the favourite choice for multi-skin façades.



### NovoProof® Pond lining system

SaarGummi has been producing pond lining systems for over 40 years. Our experience with watertightness contributes to projects such as water retention for ponds and swimming pools, and dike ponds. The special EPDM rubber material stays elastic, root resistant and resilient to heat and frost. NovoProof® sheets and membranes are eco-friendly, prevent the drainage of water and support eco-systems through their maintenance free durability.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

### SaarGummi Construction GmbH

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#### Our office in Poland

P.H. ALUPOL CM-DRUK

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SaarGummi  
Construction

## P.H. ALUPOL – CMDRUK

**For 5 years ALUPOL-CMDRUK has been a partner of Duraproof technologies GmbH and Saargummi Construction, which organises sales of their products in Poland and Eastern Europe within window and door sealing systems, façade membranes as well as roofing membranes.**

As an affiliate of CQLT Group, a Chinese state-owned enterprise, SaarGummi Group is one of the worldwide leading suppliers of technically high-quality sealing systems in the automotive and building industries. Currently, more than 6,200 employees work at 17 production sites in North and South America, Asia, and Europe.

The corporation operates internationally with three major business units: - SaarGummi Automotive (all activities in the automotive sector) - SaarGummi Construction (commitment in the building industry) - and SaarGummi Neo (development of solutions for processes and products for the entire group).

The newly founded "SaarGummi Construction", located in Losheim, Germany, commits itself to the coordination of international businesses as well as the development of new business opportunities and new products. DuraProof technologies GmbH in Büschfeld continues its sales activities on the German market, with the application technique and the related services under the umbrella of SaarGummi Construction.

With more than 65 years of experience, the product portfolio encompasses mainly production and distribution of the high-performance roof and façade sealing products made of NovoProof® EPDM, besides the production of sealing profiles for windows, doors and gates.

SUSTAINABLE EPDM  
SEALING SYSTEMS  
FOR SUSTAINABLE  
CONSTRUCTION.





## Udo Bächler

Managing Director of SaarGummi Construction GmbH

Although sealing systems represent only a small part of the entire building industry, they have, in fact, critical impact on the service life of buildings. People under the roof have to worry about leaking problem and subsequent damages unless the roof is safely sealed.

Hence, we have committed ourselves since 1947 to helping our customers find the right sealing solutions for their roofs, as well as for façades and ponds.

In order to guarantee that our customers always receive the most high-quality products from us, continuous innovation is one of the core values at our company. For instance, our innovation in 1985, ThermoFast® welding technology, connects NovoProof® membranes, preforms and prefabricated membranes durably and reliably. As for our innovation in 2016, NovoProof® DA-FG, achieves very high design load in the wind loading and uplift test, and enables to reduce the quantity of fasteners in mechanically attached systems.

As a part of SaarGummi Group, one of the worldwide leading suppliers of technically high-quality sealing systems in the automotive and building industries, we are expanding our business globally. We are not only active in markets in the EU, China, Japan, and etc. Our experience, our know-how, and our employees have laid a solid foundation for our future growth.

To make sure that our high-quality products and service are available wherever they are needed, we have built up our partner network to support your building projects with commitment and expertise. Our partners can directly supply NovoProof® products with high quality and their proven technology.

Customers in Poland can purchase NovoProof® products through our two partners here: Dachpol Michalski & Lachendro and Grupa Dekarska.

Our NovoProof® team is ready to help you finding sustainable sealing solutions tailored to your needs in roofs, façades and ponds at any time.



## NovoProof® DA-FG backed with glass fibre

The outstanding material properties of innovative NovoProof® DA-FG with glass fibre are generated through a specialised production process. The glass fibre is applied onto the uncured NovoProof® EPDM rubber. Both components then go through the vulcanization process, through which a durable connection that can only be destroyed by extremely high forces emerges. NovoProof® DA-FG achieves very high design load in the wind loading and uplift test. Meanwhile, the glass fibre also improves the fire behaviour of the membrane. NovoProof® DA-FG can be applied directly onto unbacked EPS (polystyrene), and yet fulfil the requirements of rigid roofing (Broof t1, harte Bedachung) with its very thin membrane structure. For the direct application on various insulation boards, NovoProof® DA-FG even meets the requirements of Broof t3. An additional layer of glass mat can be saved therewith, which would be otherwise necessary. This helps to save working time and resources.



## NovoProof® DA-K for lightweight roof construction

With the low weight of only approx. 1.8 kg/m<sup>2</sup>, NovoProof® DA-K is not only easy to install but also suited particularly for any type of the lightweight roof construction. The extremely good ozone and UV-resistance performance and the robust yet elastic properties of NovoProof® DA-K guarantee a high durability almost without ageing in all climate zones, from the northern Taiga to the southern desert areas. The economical installation of the membranes on flat roof insulation boards of any type is quick and trouble-free by mechanical fixing and/or partial adhesion. Because the herbicide-free roofing membranes are root-resistant, a later expansion of the roof area is also possible, such as a subsequent installation of green roof.



## NovoProof® DA-S for renovation and new construction

Even in the case of extreme damage, our roofing products are the secure and reliable choice. Due to their service life of more than 50 years, the advanced surface sealing systems made of EPDM rubber are as good as maintenance-free. Therefore, no questions concerning demolition and reconstruction will be raised any more.

Due to their excellent physical properties, no other roofing products qualify better than NovoProof® DA-S for roof renovation projects. Our special EPDM-compound for this product is highly elastic and guarantees together with the highly tear-resistant and hard-wearing fleece a strong security. Old roofing materials can often stay after inspection, costs of demolition and disposal will then be saved. Even rough roof substrates, such as tar and gravel roofs, can simply be covered.



## Tailor-made construction

Tailor-made construction method with a future - NovoProof® prefabricated membranes, tailor-made sealing system and preforms. A preassembled NovoProof® membrane is the universal solution for new buildings as well as renovation projects, and makes your roof fast and effectively waterproof. Multiple EPDM sheets are welded together in the factory, through ThermoFast® welding technique, into an individual customised waterproofing membrane.

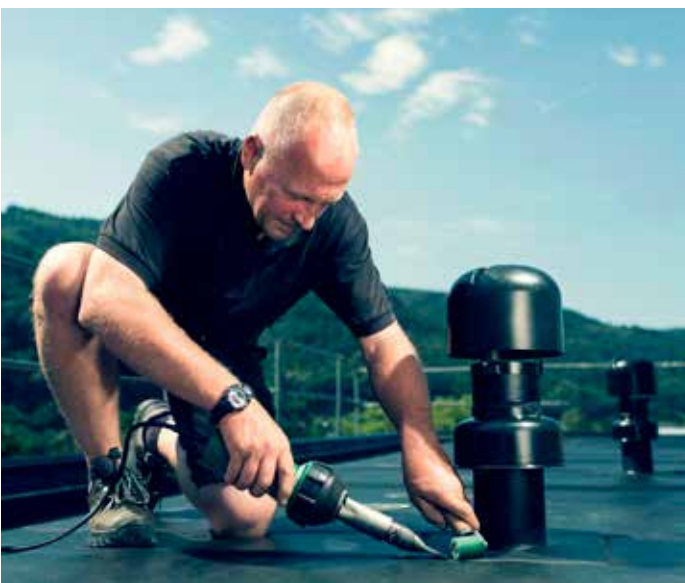
With this flexible solution, any size and shape of roofs is implementable, from small bungalow roof to industrial roof up to 900 m<sup>2</sup>. All preforms can be welded directly onto the waterproofing membranes. As a large-size prefabricated membrane, NovoProof® DA-P is loosely laid as a whole. With a ballast of gravels or paving slabs, the prefabricated roofing membrane is immediately protective against wind load after the installation.



## Customised trainings

Training and orientation In addition to the extensive consultation services for architects, constructors and construction companies SaarGummi offers customised trainings for the implementation of its products including construction site orientation.

We recommend to consider the following key indicators when selecting your sealing solution: Stress from driving rain, wind load, ozone- and UV exposure, prevention from condensation, chemical compatibility with other materials, thermal expansion in connection areas, shape and material of adjacent structures, condition of neighbouring materials, etc.



## Extensive requirement assessments

The service of SaarGummi is as flexible as its products. In close cooperation with architects, service providers and customers, solutions will be developed by us in-house, thus innovations are created under one roof to provide suitable solutions from the outset. Sales representatives with know-how, competent technical consultation, and customized trainings are at your disposal at any time.

We offer extensive requirement assessments including: Evaluation of the actual state of old sealing materials, recommendations for roof renovation and new construction, construction site measurement, support for tender documents, product selection, quantity survey and CAD lay-outs for installation, calculation of wind load and layout for fasteners, project-related support for construction management by arrangement, installation trainings and on-site instruction, and roof inspection.

## Achievements

1. Our greatest achievement is a large number of satisfied Customers that return for new products after years or recommend our company to new Customers. Our brand is recognised in entire Poland. Our business is primarily successful thanks to recommendations – over 80% of our Customers choose us upon recommendation of others.
2. The second most important aspect is the company's output in a form of high-technology production and qualified personnel that has for years been engaged in the company's development.
3. A state-of-the-art, digitally-controlled machine park comprised of highly efficient Italian cutting saws, a digital centre, an edge-processing machine and a device for optical measurements as well as a newly constructed production hall that integrates the entire machine park in one production line is the enterprise's technological accomplishment. The acquired experience that results in the quality and diversity of the offered products and services, ensure MSG-GRANIT a leading rank in the Polish stonemasonry sector.



## The company

**The history of our company dates back to 1986, a year when Marek Swatkowski opened a small concrete batching plant.**

Within the following years the plant was transformed into a stonemasonry company and in 1995 the owner purchased the first saw for cutting granite blocks. The following years brought an expansion of the machine park, investments in new production technologies and specialist employee training courses. In 2001 the company gained a new partner, Magdalena Swatkowska, and from that moment the enterprise started operating as MSA – GRANIT SWATKOWSCY, being a family-owned company with multi-generation aspirations. In the years to follow the company implemented investment and training projects, e.g. co-financed by the European Union within programmes for innovative technologies for enterprises. At present the company's premises cover the area of 1 ha, where at one place it incorporates production halls, gantries for large-sized blocks, saws for cutting stone blocks, the most modern production lines and the expositions of original, finished stone products.



### Sacral buildings

We offer complex assembly and construction services for sacral buildings. Our rich experience in executing this type of constructions allows us to provide assistance and consultancy within the selection of materials and solutions in this scope.

We construct floors, altars, pulpits and presbyteries, wall decorations and other decorative elements. We execute works in buildings under the care of the conservator of historic buildings. We cooperate with architects specialising in designing sacral interiors.



### Façades

We make complex granite façades on special anchor installations. Such a façade is a finishing element that does not require any conservation and requires no manned service for its aimed purpose.

It perfectly enhances the professional style of corporate buildings. It unarguably provides the most durable and exclusive manner of façade finishing.



### Stairs, terraces

Granite and marble stairs look very effective and at the same time improve the prestige of rooms and buildings. For interiors we offer stairs made both of granite and marble. Marble stairs are more resistant to wear and tear, thanks to which they always remain glossy.

External stairs and terraces are made of granite due to the hard character of this material. They have a rough, the so-called flamed, structure which has anti-slip property. Landings, terraces and other surfaces for external use with anti-slip, granite structure ensure durable and safe use.



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## Contact details

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# MSG

G R A N I T

**“We uncover the beauty of the stone.” This motto and slogan of MSG-GRANIT Swatkowscy, which for over 30 years has manufactured products from natural stone, e.g., granite, marble, onyx and quartzite. We use the stone for creating unique patterns and solutions for a wide range of construction applications.**

The company's offer includes several dozen stone patterns from the whole world. We acquire and process stone materials for producing stairs, worktops, floors, façades and shower trays. Stone also means more and more frequently used elements of garden architecture. Flamed granite is a great, extremely durable component of terraces, pavements and external stairs.

As a company specialising in this sector, we own a modern, technologically advanced machine park. Our staff continuously raises its competences. Each Customer is treated individually. These values ensure MSG-GRANIT a leading rank in the stonemasonry branch. We take due care of the development and improvement of production methods so that they address global standards and our Customers perceive the noble beauty of natural materials.

Natural stone is unarguably one of the best original and prestigious construction materials. Its most significant values are originality and texture immersed in 100% natural stone material. It is one of the few goods fully created by nature. This structural material is 100% natural and ecological, characterised by extraordinary durability and aesthetics. We use these advantages of stone materials and, thanks to specialised manufacturing processes, give them noble and original look.

“We uncover the beauty of natural stone. With us, you can afford timeless beauty.”





**Marek Swatkowski**  
Co-owner



**Magdalena Swatkowska**  
Co-owner

## Natural stone

With regard to its durability, prestige and aesthetic values, stone is the best choice despite its apparently high price. Observing current price tendencies on the finishing material market, natural stone seems to be a luxury. In comparison to substitutes – quartzite or corian – it is frequently cheaper by 50 – 100%.

Natural stone is limestone. Roads, bridges, squares and buildings with an over one-hundred-year history remain and function until today, marvelling us with their beauty and timelessness. Stone can be easily renovated. This particularly concerns marbles, marble slates, travertines and other limestones, and time has no adverse effect on its appearance to any degree. On the contrary, its expression improves with time and if it matters, it can be easily renovated. In comparison, ceramic tiles do not guarantee durability and they need to be entirely replaced after some time, which eventually does not pay off.



## Timeless beauty and prestige around us

Marble and granite are exceptional materials. Such constructed stairs of company's main seats bring a very effective look and improve the building's prestige, the floors, bathrooms and worktops give the interiors a unique character and are an investment for years.

This is one of MSG Granit's specialisation: constructing our environment based on durability, beauty and passion. The company's products are well-suited both for the business and the office surrounding. Be it the head office or its surrounding, an office, apartment or public space – every piece of reality in which we function deserves the proper look.

M for Make, S for Satisfaction and G for Guarantee. These are the pillars of MSG Granit's philosophy. It has functioned in the hands of the third generation and its core principles are: loyalty and engagement. The company is a leader in the branch and constantly cares for its development as well as perfection of production methods. It owns the most innovative machine park in North-Eastern Poland. The company also belongs to the Eastern Construction Cluster, which concentrates construction companies and universities to achieve one goal: complex customer service.

The company's offer contains several dozen unique stone patterns and colours from the whole world, from Europe, through Central and Southern Africa, India, to South America. They are used in a wide range of applications: for producing stairs, all sorts of worktops, containers, floors and façades, and even shower trays, washbasins and kitchen drainers prepared for individual orders. Stone becomes more frequently used in gardens as well as road construction as granite paving stones. Especially flamed stone is a great, anti-slip component of terraces, external stairs and pavements.

Since stone is an exceptional product: originating in nature, timeless, durable, stylish, it is perfect both for minimalistic as well as richly decorated interiors. It causes no allergies, resists to the time factor and is an investment for the future. All these properties, combined with exceptional attention to the Customer's needs, professionalism and responsible approach from MSG Granit make its products highly outstanding.

## Benefits from using stone as a construction and decorative material:

**Classic beauty** – inspired by nature. Stone has been used in construction for centuries. Regardless of its original manner of architectural application, it preserves perfect look and constitutes a canon of good style. For surfaces made of tiles, it is possible to reconstruct the pattern of the entire rock from which they were made. This gives a unique and impressive effect.

**Wide range of colours and patterns** – these are patterns and colours made by nature. Impossible to copy in products such as ceramics. Stone gives the opportunity to create various decorative elements from the same material, e.g. floors, worktops and sills.

**Safety of application** – stone causes no allergies. Thanks to low absorbability and resistance to high temperatures it is easy to sterilise.

**Timelessness** – it is durability and style that stay resistant to changing fashions. Stone is perfect for minimalistic and richly decorated interiors. With proper choice and assembly, it will successfully resist the time factor.

**Practicality of use** – thanks to various forms of finishing, the same material can be used as high-gloss and matt material, e.g. for non-slip surfaces. Stone is resistant to stains and easy to clean. Thanks to high heat capacity and high conductivity, stone is definitely a better material for heated floors than ceramics. The floor heats quickly, gives the feeling of warmth in winter, and in summer – coolness. Stone floors and façades allow for using narrow joints made of mineral quartz.





## Floors

Granite and marble floors are the best choice for floor heating. Stone is a perfect heat conductor, thanks to which it stays long and gives off accumulated temperature inside buildings. Moreover, the unique structure and pattern of a single granite or marble tile creates totally unique surfaces in terms of patterns of timeless beauty and quality. Additionally, it is possible to create floor patterns in a form of e.g. rosettes, combination of several colours and forms of stone tiles for one surface. A stone floor, in particular a granite floor, is a one-time investment that pays off already after several years from laying. Granite is one of the hardest, least wearable types of natural stone. Thanks to high technical parameters, granite tiles look perfectly even after dozens of years from their laying.



## Bathrooms

Marble-, granite- or onyx-fitted bathrooms? Natural stone looks perfectly on the bathroom wall, worktop or floor. However, we can observe a growing interest in granite shower trays as well as washbasins made of natural stone. Onyx is ideal for walls which are often additionally illuminated and create original images, whereas other varieties of natural stone are most commonly used for making marble and granite worktops, bathtub casings and bathroom floors. The unarguable advantage of using natural stone in the bathroom is its high resistance to moisture. Bathroom made of marble or granite adds prestige to every building, be it a house, an apartment or an office.



## Worktops

Stone in construction. Here we mean granite, marble, travertine, limestone and its forms. With kitchen worktops special attention must be paid to granite and quartzite, which are the most popular materials for worktop production. Elegant granite tops are timeless beauty that accompanies us for years. Quartzite is made of quartz sand and resins. Its choice is based on: absorbability, resistance to scratches and heat. Granite is a rock characterised by absorbability, but impregnation locks its structure, minimising its absorbability. Granite is greatly resistant to scratches and heat. Quartzite is totally impermeable, resistant to scratches, but it is not entirely resistant to high temperatures.



## Fireplaces

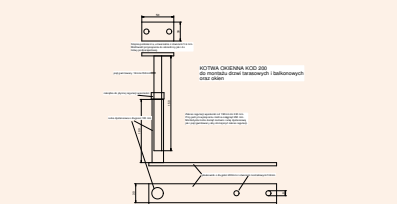
Fireplaces bring warmth and special character to interiors. Granite, marble or travertine fireplaces are good for years and are practical in use. Thanks to its unique character, natural stone adds peculiar charm. Granite is best for fireplace casings due to its hardness and ease of cleanliness, but it is outshone by marble due to the warm colour of the latter. Granite or marble fireplaces come in various shapes, sometimes these are external fireplaces with upper and lower shelves, or they can also function as the fireplace's casing in the wall. Regardless of their character, granite- or marble-cased fireplaces are a perfect source of warmth since natural granite accumulates heat and later gradually gives it off. In effect, it brings pleasant and warm climate of the rooms.



## Complex service

As the only company in the region, we own an automatic pressure wash for chemical cleansing and preparing surfaces for spraying. Two application lines (cabins with appliances of a renowned company Nordson) allow for painting a large number of elements, preserving the highest quality. The painted elements undergo polymerisation at the temperature of maximum 220 degrees in a stove with dimensions 7.5x2.3x1.8m.

Offer



## Window anchors

As a direct producer of all steel elements dedicated to construction, we wish to present our flagship product – window anchors for warm fitting. We provide both typical, general construction solutions as well as execute individual orders for assembly systems.

Our rich offer facilitates the assembly of window joinery, contributing to the improved effectiveness of the construction. The use of anchors for warm fitting positively affects later use of the building in the course of its daily exploitation.

Our anchors have gained popularity thanks to their unarguable advantages such as:

- smooth, tri-dimensional regulation,
- maximal extension of the mounted window,
- possibility of making anchors in various dimensions and configurations,
- our products undergo load tests,
- a complex mounting system from one manufacturer,
- stable structure made of materials of large cross-sections,
- fully galvanised,
- Polish products.



Eastern Construction Cluster  
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# IRENEUSZ KOZŁOWSKI SA

OD 1956 r.

BALUSTRADY • OGRODZENIA • AUTOMATYKA

**Ireneusz Kozłowski SA has operated in artistic smithery for two generations. Since 1956 we have continued a family tradition handed over from father to son.**

Year by year we have been changing the character of our services. We started with horseshoeing and hammering metal hardware for iron carriages and now produce railings and fences. The current activity is smithery and architectural ironwork.

We manufacture internal, external railings, gates, fences, house and garden furniture etc. All our products are coated with powder sprays in our paint room. We execute individual orders, as well as projects for construction, developer companies and sacral institutions.





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## Artistic smithery

We provide individual cost estimation of all works. The main parameter for the calculation is the selection of the pattern, the applied additional elements (glass, wood, brass, stone etc.) and a bill of quantities.

In order to achieve the proper result, we combine steel with wood, glass, stone and even leather. We provide powder coatings with various effects and colouring. Our most popular products are e.g.: wooden and metal railings of stairs and balconies, entrance gates, fences and design elements of interiors.



# IRENEUSZ KOZŁOWSKI SA

OD 1956 r.

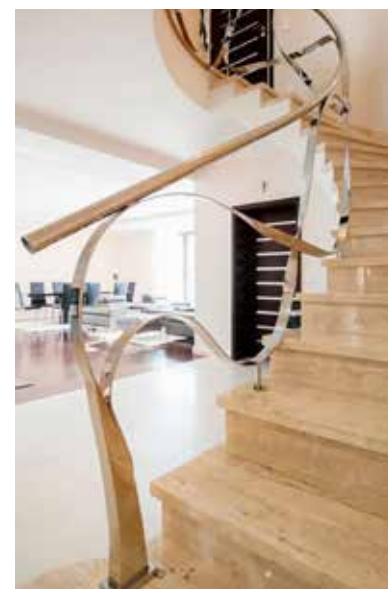
BALUSTRADY • OGRODZENIA • AUTOMATYKA

The company specializes in STEEL STRUCTURES, cold-formed main structural element is a welded steel frame made of cold-bent steel profiles.

We have a modern machine park for the production of steel structures and a large number of skilled crew with long-term experience in our production plant. We provide services for assembly and repair of steel structures and steel constructions, taking into account current requirements and Polish standards.

We offer welded steel structures according to client's order, delivery to the construction site and assembly of steel structures - we have our own necessary equipment (transport, cranes, other lifts) for the complex service of very large investments. Together with the cooperating companies from the EASTERN CONSTRUCTION CLUSTER we also have a comprehensive offer of building of buildings with steel structures from the base in the place indicated by the investor.

Production of steel structures is carried out in a modern production plant in Białystok.







Eastern Construction Cluster  
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## Contact details

### SAPLING Sp. z o.o.

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**The core business of SAPLING is working on innovations and implementing its patented technologies for environmental protection, in particular in the category of sewage and sewage sludge treatment as well as management.**

The effect of implementing technologies is obtaining licences or goods in a form of industrialised construction products. The company is based on extensive technical capacity of the engineers working and cooperating with SAPLING as well as the managerial staff's market experience. Thanks to such relations, the company may promptly respond to the needs and changes on the market.

SAPLING conducts its own research work, cooperates with the scientific staff at technological schools as well as conducts projects with other entities in this sector (accredited laboratories). The participation in ongoing investments also helps to analyse the strengths and weaknesses of the available market solutions, which results in the quality and efficacy of technologies offered by SAPLING.



SBAR  
Sequential Batch Adiabatic Reactor

Przydomowa szarytuczalna spalarka - 50 BLM



WIAŁĘPIENIE SZARYTUCZALNA SPALARKA - 50 BLM



## Future plans

The company plans to extend the portfolio of the offered products as well as expand distribution to new market sectors and exports to the European markets. The company also works on new technologies within sewage and rain water treatment and management. It develops a universal multifunctional reactor (MPR) that fosters grey sewage treatment in an extent allowing for their reuse.

## Current achievements

In the years 2013-2016 the company launched a number of innovative technologies for sewage treatment and removing post-treatment residuals as well as expanded production processes with such modern technologies as: sequential hybrid adiabatic reactor, a simultaneous biological reactor and a module for advanced oxidation of sewage sludge. The company's works are registered by the Patent Office of the Republic of Poland.

In 2016 the company received a patent document with regard to the SHAR appliance, a domestic sewage treatment system operating on the basis of the adiabatic technology (resistant to unfavourable temperatures).

In 2017 the company's products were introduced for open sale in the largest distribution chains in Poland.

## The company

The company was established in 2012 by a team of engineers with valuable and long experience in the installation industry. After two years of operating on the Polish market, in 2014 SAPLING S.A. debuted on the NewConnect market, where it obtained sponsors' funds necessary for developing its innovations. Since that time it has been developing its R&D section as well as improving further technical solutions that can enrich the company's product catalogue in the future.



SBHR



# SHAR

## SHAR

In biological technologies of treating the sewage one of the most important effectiveness parameters of biological processes is reaching the proper temperature. The best technological effects are gained within the range of 12-25°C. Considering great correlation between operating the devices and weather conditions in which they function – we have created an aerobic-anaerobic system that guarantees high-degree insulation of the technological system from the surroundings (adiabaticity).

SAPLING Shar® reactor operates in all weather conditions and guarantees obtaining optimal temperature inside the technological part.

## Basic features of SHAR® technology

### Adiabaticity

– it provides high effectiveness of treatment in all weather conditions. Biological processes occur in optimal temperature conditions within the range of 12-25°C regardless of external conditions.

### Sequentiality

– it enables adjustment of the unit operation to variable user requirements and provides resistance to irregular sewage discharge. There is a possibility to extend the unit with additional tanks buffering percussive discharges.

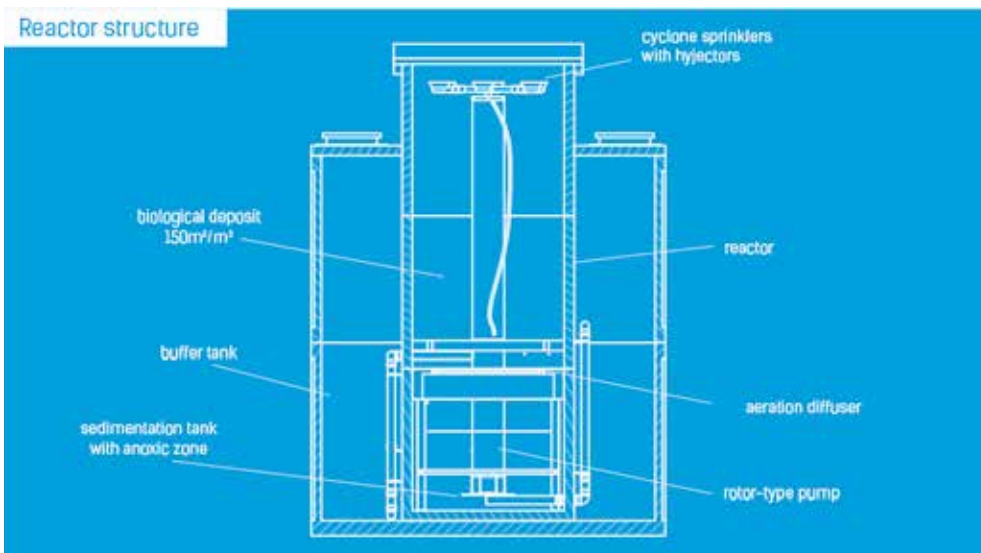
### Hybrid technology

– a combination of technologies: aerated biological deposit and trickling filter; it provides stable effects of the unit operation even in the case of temporary lack of power supply.

### Self-operating system

– a PLC based system enables remote control of the treatment unit (service management) as well as saving any anomalies while operating the system.

Reactor structure





## Future plans

The industry that we specialise in is currently experiencing dynamic growth and it does not seem that the situation is about to change. Throughout the recent years we have proven that we can adapt to the changing market conditions

and we do not wish to be outperformed this time either. Apart from specialising in the areas where we proved our competences, we have decided to extend our activity by a smart home management system.



### Fibreglass technology

We offer complex construction of fibreglass networks and connections from the design to the execution, measurements and post-execution documentation. We execute orders on the basis of fibreglass manufactured by various producers in the traditional technology as well as micro-ducts.

### Telecommunications ducts

We offer services within the construction of primary and secondary telecommunications ducts, foundation of cable ducts, directional drilling, repairs of ducts.

### Structured cabling

Structured cabling (structural network) is at present one of the most important installations in new buildings. Our employees implement the structured cabling system based on universality, which makes it adjustable to the changing consumer needs and room functions.



Eastern Construction Cluster  
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## Contact details

### Installations

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**Tellącz Jerzy Markiewicz Telecommunications Company is a supplier and integrator of telecommunications systems that operates in entire Poland as well as provides its services across the borders.**

We offer complex solutions within which we develop designs, deliver the necessary equipment, install and start systems. Upon the completion of the implementation stage, we prepare post-execution and exploitation documentation as well as train the Customer's personnel. This is combined with providing servicing and maintenance services in the warranty and post-warranty period.

Our offer includes products and services in the areas of broadly understood information and communications technology as well as building management system. We also provide complex services to line investments. In order to provide our Customers with the highest possible quality of services and focus on the further dynamic development of our company, we implemented a quality management system that complies with the ISO 9001:2001 and AQAP 2110:2003 standards.



## Measurements of the structured cabling

We offer measurements of the structured cabling with the equipment LanTEK II and FLUKE. These measurements allow for verifying the quality of cabling in terms of compliance with the requirements for a given cabling category/class as well as the installed components. We offer LAN certification (Cat. 6, Cat. 6+, Cat. 7).

## Burglar alarm systems

The control panel is the heart of the entire alarm system. Telłącz adopts the best solutions and for this purpose uses the equipment of such companies as: Bosch, Galaxy, Satel, UTC and AlphVision.

## Close Circuit Television

We conduct activity within designing, assembly and maintenance of closed circuit television systems. Our qualified employees make presentations of the CCTV used by us and select the best solution in terms of your expectations.

## Fire Detection System

A fire detection system is one of the fundamental security systems in facilities that are aimed at protecting people's life and health as well as collected goods. Telłącz adopts the best solutions and for this purpose uses the equipment of such companies as: Schrack Seconet, Bosch and UTC.

## Access control

Our company offers both solutions for complex access control systems with manifold levels of permissions as well as simpler systems dedicated to small enterprises with several passages.



Eastern Construction Cluster  
Reliability Professionalism Innovate



The core of our activity is the production and complex assembly of a wide range of glass elements used for interior decoration. We do: modern glass balustrades, protecting the wall at kitchen worktops, shower cubicles, glass doors, atypical aquarium or other glass products.

We have a very wide assortment of glass: tempered glass, safe, laminated glass with any mural, varnished, crystal white optiwhite glass, mirrors, lacobel glass in many colors, ornamental glass, composite glass, stained glass, matte glass in several shades and many other proposals .

We work closely with architects, artists, metalworkers, carpenters and individual clients in the field of unusual, innovative glass applications in space design. In our production plant we put great emphasis on the development of the artistic side of the glass processing, which often results in products with a unique appearance and functionality.

Modern machine park allows us to perform the most demanding interior design elements. We also handle thermal glass processing, which enables bending, decorating and fusing glass.



“The Customer and his satisfaction is our top priority. Based on experience and passion, we are capable of satisfying the most demanding tastes.”



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## Contact details

### PPHU OLCZAK Grzegorz Olczak

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**Olczak is a company that concentrates on the quality and individualism of its products, which makes it well-established on the market. The offered quality results from two simple elements: the best material, professionalism and competences.**

The Production, Commercial and Service Company Olczak Grzegorz Olczak was established in 2005. The company constantly increases employment and modernises its machine park. Thanks to this, its products are characterised by high precision. Focusing on customer satisfaction, P.P.H.U. Olczak also invests in employee competences, which raises service quality and creates the company's reputation.

Beyond doubt these are the company's success factors especially that over the last years its business activity has undergone a metamorphosis from typically industrial applications to design elements.

From the architects' and investors' perspective, the company currently offers various applications and the possibility to use creative solutions that may be executed at a very convenient quality, functionality and price ratio.





## Shower cabins

Sliding and pivot shower cabins.

A piece of home equipment without which no family can. The wide range in this sector that the company offers allows for the development of large and small rooms. In addition, the expressiveness of the products gives a wide range of possibilities for decoration and finishing, which makes every execution is unique.

## Glass enclosures and doors

For private and public spaces.

The current trends followed by Olczak are applicable both in the private and public sectors. Apart from the attention to the advantages of the investment, architects attach great importance to their aesthetic qualities. The solutions used by P. P. H. U. Olczak to intensify the effect, which often surprise the investors themselves, and those satisfied with the realization of the company recommended Olczak as a solid contractor.



## Glass facings

Mirrors, kitchen screens, glass on walls.

The company offers unique mirror compositions using the finest mirrors on the market. Compilation of a wide range of materials with the inventiveness and artistry of company employees creates design trends in the industry.





## Glass roofs, loft style

Large, open spaces, high ceilings, interiors dominated by glass, steel and stone are typical features of the loft style. Glass elements offered by P.P.H.U. Olczak, which blends perfectly with the harsh industrial interiors, can decorate any interior from partition walls through balustrades to mobile mirrors which are an interesting and unusual architectural solution.

## Fused glass – fusing

The company offers a very attractive to the eye method of interior decoration with the use of fusing, i.e. thermal glass processing. It is possible to manufacture the product under individual customer requirements, including additional lighting that enhances the final effect.



## Railings

Safety and bent safety glass.

The fastest growing product range of the latest time. Olczak's products and offer ideally addresses the currently fashionable loft, raw design trends.

Thanks to the so-called. safe glass, it is possible to make balustrades and even stairs, which provide comfort and original interior aesthetics.

## Current achievements

- Complex execution of over 40 private investments
- Execution of over 20 public investments, including public administration buildings in towns and municipalities, libraries, schools
- Complex execution and service provision to sports facilities (gymnasiums, fitness studios)
- Design consultancy and complex service provision within installations and protection of gastronomic investments



Working with an individual customer at the designing stage allowed the company to provide services that ensure the recipient's economic and operational satisfaction. Apart from individual projects in Poland and abroad, the company cooperates with a network of developers and executes tender investments.

## Electric installation

This is the core business of the company. Thanks to the professional managing and working staff, ART. ELEKTRO provides complex services to investments within designing, assembly and servicing. Each order is treated individually in order to maximise the functionality of the executed project.

## Renewable energy sources

The company offers popular and, at the same time, effective solutions in the scope of renewable energy sources. These include photovoltaic systems and heat pumps. Apart from installations, the Customers may rely on our consultancy services within innovative technologies that eliminate CO2 emissions and are used in single-family developments.





Eastern Construction Cluster  
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Contact details

## **ART ELEKTRO**

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# ART ELEKTRO

**ART. ELEKTRO has operated on the market since 2008. Based on the owner's experience, it provides services within designing electrical installations, assembling electrical installations in accordance with technical documentation, installing and starting electrical machines and appliances as well as regulating their working parameters.**

The company also conducts technical inspections, maintenance works and repairs of installations, technical inspections, maintenance works and repairs of overhead and cable lines, maintenance and repairs of automation systems, measurements, post-assembly trials and repairs of installations as well as the evaluation of their technical condition.

With regard to the growing demand, in 2010 the offer was expanded by the possibility of providing complex services within designing and installing monitoring systems. With time, ART. ELEKTRO also implemented a wide range of consultancy services in the scope of modern technologies that eliminate CO2 emissions, in particular for single-family developments.



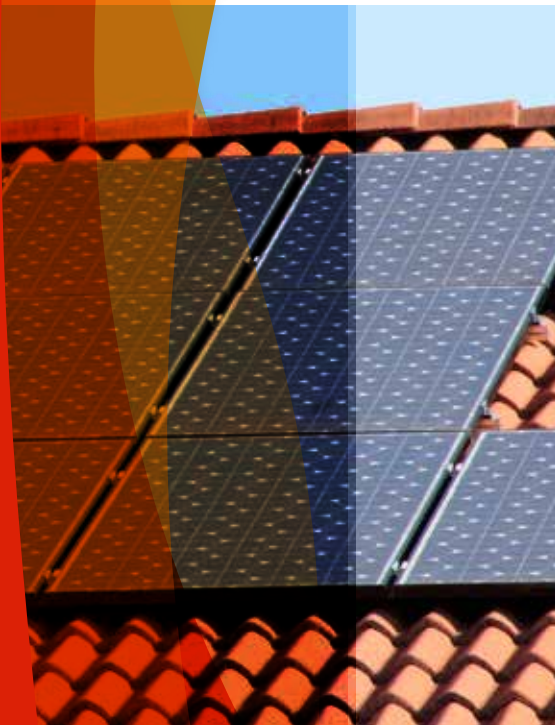


## “Customer satisfaction is the best advertisement of our company.”

Every building, large or small, makes a living organism, consisting of walls, tissues, and all installations, such as water and sewage, electricity, etc., which form the counterparts of the respiratory system, the blood. Their proper functioning, as in the life of every living organism, affects the length of their lives, and any disturbance causes difficulties for the investor to use or "signs of disease". In order to avoid problems in both of these situations, every effort must be made to ensure

that the condition of each of the components is properly taken into account.

Therefore, professional building companies, based on their knowledge and concern for the comfort and security of the investor should approach individually to individual investments. The thoughtful realization at the stage of the building's design and its installation minimizes the risk of failure and thus increases customer satisfaction with use.



A professional and practical approach is now particularly important in terms of growing expectations and dynamically developing technologies. Challenges are great, therefore planning of complex investments in the future is essential. A well-designed electrical installation is the main thread and condition of proper functioning of other systems.

**ART**  
ELEKTRO

The "energy efficiency" key is an indispensable factor of a well-executed service. The technologies available make it possible to significantly reduce operating costs, and intelligent installations provide the ability to automatically divide an object into so-called "zones", which, by combining independent installations and devices into one coherent automated system, provides almost unlimited possibilities to control all systems and devices at home.



## Current achievements

1. The company Narzędzia concentrates on the sale of pneumatic tools HEXO while ensuring the highest service standard of our technical advisors and servicing team.
2. In 2017 the Company launched on the Polish market another brand of pneumatic tools HUZAIR for car workshops and industrial maintenance.
3. We concluded designing the contemporary centre of pneumatics in Gdańsk and we await the construction permit so that it is ready for use in 2019.



### Metal processing

HEXO pneumatic tools can be divided into two groups of products. The first one is a group of tools dedicated to metal processing. These are: angle, straight, vertical, rotation-oscillating and belt grinders as well as needle-gun scalers and chisels.

### Assembly

The second group of products is comprised of assembly tools. These are: impact wrenches (3/8, 1/2, 3/4 and 1 inch spindles), ratchet wrenches (1/4, 3/8 and 1/2 inch spindles), impact drivers and drills.

### HUZAIR workshop tools

HUZAIR is a line of pneumatic tools dedicated to car workshops. Impact wrenches constitute a significant share of its trade. They are characterised by high quality and durability as well as ensure high comfort of operation thanks to their excellent ergonomics.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

### HEXO Pneumatic

Narzędzia Sp. z o.o.

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www.hexo.com.pl  
www.huzair.pl

**HEXO**  
PNEUMATIC

**HUZAIR**

**HEXO Pneumatic is the Polish brand of pneumatic tools that conquered the market in 2013. Since that time it has become a constant element of equipment in the largest industrial plants in Poland.**

**Our offer is primarily addressed at shipbuilding plants, metal processing facilities as well as furniture and car factories.**

Our advantage is the industrial quality of tools, prompt service (repair guarantee within 7 days), full availability of machines and spare parts as well as flexible approach to the customer. With these features we managed to acquire the trust of such recipients as KGHM, PESA, Meble Kler, Stocznia Gdańska and many other.

Our current offer is composed of over 70 tools and is constantly expanded in response to the needs of the Polish industry. Angle, vertical and straight grinders, screw guns and impact wrenches constitute the largest share in the sale of HEXO Pneumatic brand. Our customers may count on full support of our technical advisors in terms of the selection of pneumatic tools as well as analysing the efficiency of the pneumatic installation. Our cooperation with new customers starts with a visit paid by an exhibition car equipped with all tools from the catalogue HEXO Pneumatic. This allows the Customer to directly verify the efficiency of our tools in the production plant.



1200 Nm

1500 Nm

1200 Nm

**POLSKA  
MARKA**



**Józef Kisielewski**  
President of the Board

Using my 30-year-long experience in the industry, within 5 years the entire Team has transformed the company Narzędzia from a distributor into a manufacturer that produces tools under its own brand.

Although large international corporations attempt to dominate this market, the Polish entrepreneurs successfully compete not only on the retail market but also the industrial sector, where not only the product, its quality and durability count, but also professional post-sales service (efficient, prompt and relatively cheap service as well as regular access to spare parts).

For several years Narzędzia Sp. z o.o. has specialised in the production, servicing and distribution of pneumatic tools under its own brand HEXO Pneumatic for the industry, mainly shipbuilding plants, steelworks and foundries, furniture and car factories.



## Angle grinders

We offer 100, 125, 180 and 230 mm disc grinders. The Polish industry mostly favours 125 mm disc grinders and this makes our company specialise in this segment. The catalogue starts with 630W grinders dedicated to operations within maintenance departments (model HX-125S0.9W), through very durable 820W grinders dedicated to continuous work in the most difficult conditions and gaining good reputation in the Polish shipbuilding industry (model HX-125S1.1P), to the technologically most advanced machines that combine very high power (1300 W) with low weight (1.5 kg) and perfect ergonomics (model HX-125A1.8P).



## Straight grinders

The most numerous group of tools in the catalogue HEXO Pneumatic constitute straight grinders. The offer starts with classic, 260W-735W short milling cutters, through elongated straight grinders up to 60 cm and angle cutters to high-speed micro-grinders.

A wide range of straight grinders HEXO Pneumatic allows for ideal adjustment of the tool to the processed element, which often contributes to the increased work effectiveness.

The main recipients of this section of our offer are shipbuilding plants and metal foundries.



## Vertical grinders

The hardest work that involves metal processing on large surfaces requires considerable power and large diameter of the grinding disc. These features characterise vertical grinders HEXO Pneumatic. We offer grinders for 150 mm (the so-called cup grinders), 180 mm and 230 mm discs. A vertical engine with the power of 2300W or 3000W ensures durability that gains popularity with the largest producers of steelworks such as GSG Towers and Odlewnia Śrem.





## Rotation-oscillating grinders

We offer 100, 125, 180 and 230 mm disc grinders. The Polish industry mostly favours 125 mm disc grinders and this makes our offer specialise in this segment. The catalogue starts with 630W grinders dedicated to operations within maintenance departments (model HX-125S0.9W), through very durable 820W grinders dedicated to continuous work in the most difficult conditions and gaining good reputation in the Polish shipbuilding industry (model HX-125S1.1P), to the technologically most advanced machines that combine very high power (1300W) with low weight (1.5 kg) and perfect ergonomics (model HX-125A1.8P).



## Impact drivers and drills

A series of HEXO drivers is mainly addressed at furniture and window producers. A wide range of drives (direct drive, progressive clutch, regulated slip clutch or a precise shut-off system) allows for ideal adjustment of the tool to the mounted structure. A composite casing and a comfortable rotation switch next to the trigger ensure the user's satisfaction.

HEXO drills are addressed not only to the furniture industry. Thanks to high power of maximum 735W, they allow for drilling large holes also in metal and composite. Our offer includes drills with rotation from 350 rpm to 6000 rpm.



## HUZAIR workshop tools

HUZAIR is a brand of pneumatic tools that debuts on the tool market in 2017. While creating the offer of HUZAIR tools, we relied on the experience gathered on the industrial market and we managed to create lines of high-class tools that can satisfy the needs of every mechanical workshop within pneumatic tools. HUZAIR catalogue offers 1/2, 3/4 and 1 inch impact wrenches, ratchets and rotation-oscillating grinders.



## Achievements

10

years in printing business

6000

satisfied customers

2

local offices in Poland

103

employees



### Greenguard certificate

- Document confirming the use of environmentally friendly inks



### 3M Certificate

- Guaranteed and qualified producer of graphics



### Nordic Ecolabel Certificate

- Scandinavian Ecological Sign for using toners that ensure the reduction of waste and energy consumption



### ISO 9001:2008 Certificate

- Proof of the achievement and desire to maintain a professional level and coherence of conducted business operations



## About us

We understand Customers' needs and respect their time. We advise, plan and print with passion. We offer a wide range of products and our state-of-the-art machine park allows us to create any advertising material.



## Goal

One step forward. 100% of commitment. Everything to bring our Customers satisfaction. Ecological solutions and innovative technologies in printing are our key interest in order to satisfy the needs of our Customers. Their satisfaction is as important as mother's birthday.



## Going global

Our products are delivered to Customers across Europe. Global standard and the high quality of performance allow us to provide solutions in the United Kingdom, Germany, Italy, Belgium, Denmark and Switzerland as well as expand the circle of our recipients.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

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[www.globartprint.bialystok.pl/en/](http://www.globartprint.bialystok.pl/en/)

# GLOBART **print**

## LARGE FORMAT PRINTING COMPANY

**GLOBART print is a professional large-format digital printing company which executes all orders connected with any form of printing and assembly of commercial graphics thanks to the experience and commitment of its employees.**

**We apply the code of ethics and act with due care for the highest quality of our services, quick time of works and Customer satisfaction.**

Our chief priorities are: guarantee of the highest quality, promptness and Customer satisfaction.

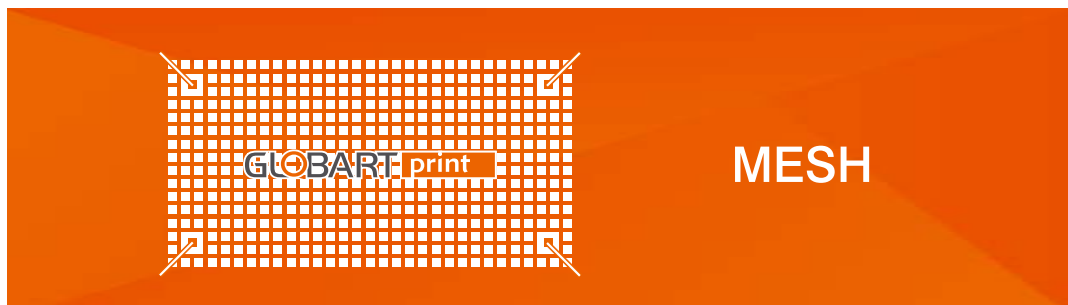
We specialise in rendering complete graphic services from concept design to finished artwork for advertising campaigns that involve print and application. Thanks to well-established processes that take place in our company we are able to deliver the final product on time right to its destination.

We print on such standard materials as mesh, vinyl, foil, paper etc. We offer direct printing on flat materials as well as textiles.

In June 2009 we obtained the Certificate ISO 9001:2008, which proves our achievement and the desire to maintain a professional level and coherence of conducted business operations and a globally recognised symbol of our pursuit of perfection. Our focus on ecological printing is confirmed by certificates Greenguard and Nordic Ecolabel.

“We are large-scale printing enterprise that offers printing services on large formats to companies and individual customers.”





## Mesh

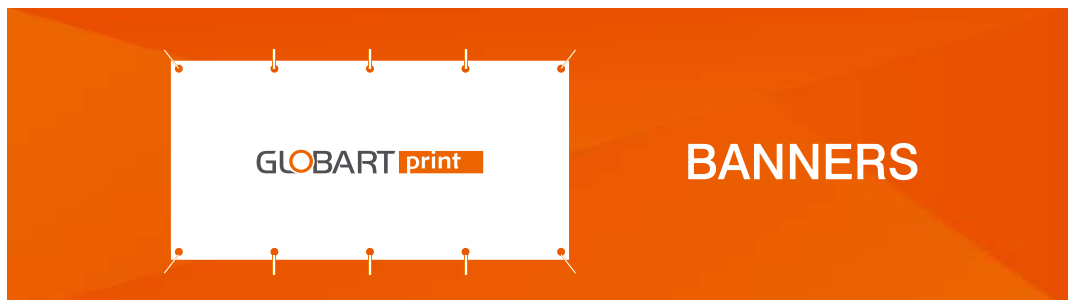
is a material used for displaying large-format outdoor advertisements.

It is made of **light, perforated vinyl material**. Mesh has a relatively low basis weight at the

level of over 200 g/m<sup>2</sup>, thanks to which the surface of the advertisement on this material can be **limitlessly large**.

The structure of mesh banners ensures **air and light permeability**.

**Printing possibility of up to 5 m in one unit!**



## Banners

are made of **frontlight** vinyl materials. They are characterized by extreme endurance to weather UV factors. **The application of frontlight is advertisement graphics in large outdoor spaces** and indoors. Frontlight is a material dedicated

to one-sided printing. Evenly illuminated, it is perfectly visible after dark. Depending on the manner of assembly, we offer relevant finishing: **welding, mesh, tunnels and sleeves**. Individual frontlight strips can be jointed in order to create **surfaces of several hundred square meters**.



## Flags

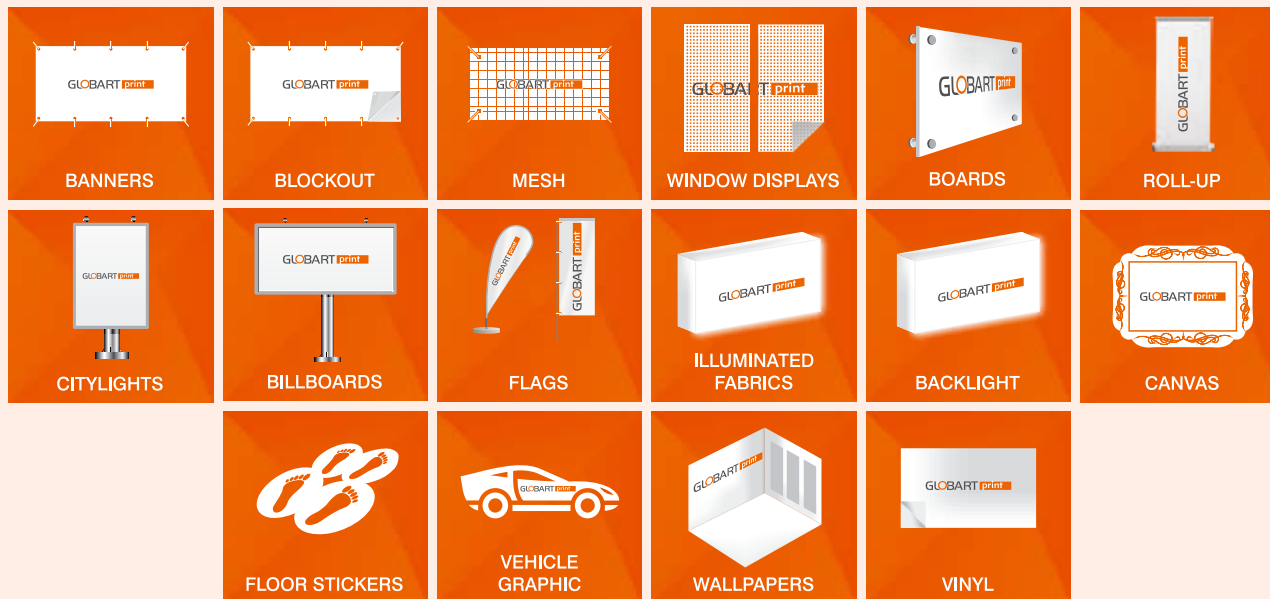
We offer light polyester fabrics dedicated to sublimation printing. Resistant to high temperatures and creases. Ideal as a basis for flags and various banners.



## Offer



- State-of-the-art machine park based on the solutions of **Efi-Vutek** – a top-class machine for large-format printing.
- Amazing production capacity – over 12,500 m<sup>2</sup> per day.
- Printing width up to 5 m per 1 unit.
- **Top printing quality.**
- **Short delivery time.**
- Wide range of used materials.
- Meticulous attention to each order.
- Various types of finishes (also at the Customer's request).
- **Large-format assembly** (also on non-durable structures).



### The machine park includes the following machines:

- DURST RHO 512R
- EFI VUTEK® GS5000r
- HP Scitex XL1500 z
- HP Designjet L65500
- Transmatic GFO 126
- Plotery SummaCut S class
- Mistral 1650
- Jopevi J-279
- Miller Weldmaster T300 Extreme Flex
- Durkopp Adler 827
- EFI VUTEK® GS3250LX
- HP 3100 LATEX
- hp SCITEX 1200 - 2 pieces
- ZUND XL 320
- Fotoba 160 XL
- EPSON - 2 pieces



Summa

CALDERA  
WIDE FORMAT IMAGING

durst

Mimaki

hp

efi

VUTEK™

EPSON  
EXCEED YOUR VISION

ZUND  
swiss cutting systems

The Polish Association for Advisory and Consulting has long-established experience in executing EU projects, including the European Social Fund.

Polish Consulting Association has been specializing in investment project management for many years, both in terms of their preparation, implementation, documentation of processes and the acquisition of EU funds. Experience in this field whilst gaining many contacts over the years has resulted in the idea of integrating the offer of companies from the construction industry and creating a platform for the exchange of information - that is the Eastern Construction Cluster, which was coordinated from the very beginning by Tomasz Kozłowski, President of the Polish Consulting Association.

Over the years, the Cluster has managed to carry out many initiatives, assisting entrepreneurs in obtaining EU funds and looking for investors. Within the framework of the association of entrepreneurs from companies with Polish capital and a good understanding of the potential of the domestic market, for many years great attention is given to innovative solutions that, in line with corporate social responsibility principles, take care of the environment by using technologies that have a positive impact on the local ecosystem, which will come to function for future generations. The integrated offer and understanding of the tasks facing today's business makes the Cluster efficient and effective in the development of the participating companies.

One of the most important initiatives that guided the Eastern Construction Cluster is the internationalization of the Clusters' offer. It is important to realize that the level of Polish construction industry is at such a high level that the developed technological solutions can effectively compete with the offer of companies in developed markets around the world. Entering into the strategy currently being implemented in the country's economic development, it is possible to raise funds for the preparation of specialized reports and methods of entry into foreign markets, and to present a coherent complement of products and services of the companies that the Cluster represents.





Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

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## THE POLISH ASSOCIATION FOR ADVISORY AND CONSULTING

These projects directly support the creation of the entrepreneurship concept, promote economic and social coherence and allow for raising professional skills and qualifications for working, unemployed and handicapped persons. Since the very beginning we have executed numerous projects, each time concluded with great success. Therefore, we continue our activity in the field of new and all the more interesting undertakings.

The Polish Association for Advisory and Consulting also offers complex preparation of projects that involve

- developing project assumptions,
- preparing application documentation,
- supporting project execution and settlement.





THE POLISH ASSOCIATION FOR  
ADVISORY AND CONSULTING

## Consulting

We provide complex consulting services that involve the entire process or only its selected elements in applying for and using EU funds.

## Training courses

We concentrate our activity on the Customer's real needs and, depending on his expectations, we provide complex didactic, training and advisory services. We offer a wide range of services in the education and development of human resources.



## Developing Clusters

The objective of clusters is the creation of regional bonds that support the companies' competitiveness. This makes their function very important for the development of the contemporary economy and well-worth supporting. Therefore, we decided to join the idea of clustering.







Under its management ABM provides the following activities:

- preparing a long-term operation plan, as well as revitalizing the property,
- preparation of plans to increase revenues and lower operating costs of real estate,
- preparation of repair plans with cost estimates and tendering for repair works,
- conducting investor supervision,
- development of marketing materials for the promotion of real estate,
- negotiating and signing lease agreements for residential and commercial premises,
- representation of tenants during the duration of contracts,
- regular presentation to the owners of the financial statements together with information on the implementation of the plans.



Negotiating and signing lease agreements for residential and commercial premises.



Eastern Construction Cluster  
Reliability Professionalism Innovate



## Contact details

### **ABM s.c.**

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abm@abm.biz.pl



**ABM s.c. specialises in professional property management as well as renting office, commercial and storage spaces.**

**The company owns an extended base of office areas in class A and B as well as storage facilities located in the centre of Białystok.**

The company provides a complex consulting and servicing offer, including area adjustment and arrangement for the specific needs of tenants, as well as legal advice. Our customers are e.g. private enterprises, state institutions and healthcare units. Are you looking for a location for your office, store or warehouse? Call us, we are at your disposal.

By acquiring control over a commercial property, ABM assumes full responsibility for its comprehensive service, acting strictly in the interests of its owners and with a view to maximizing their profits in accordance with applicable law.



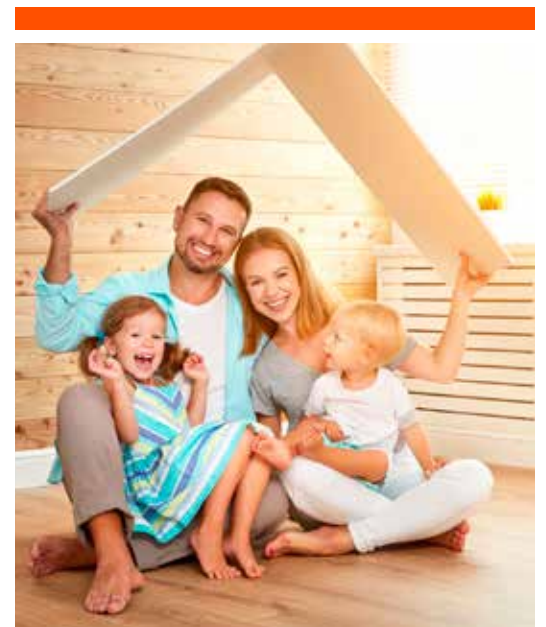
Thanks to us you will acquire the necessary skills and we will help you achieve the goals set out above.

We believe that effective management of commercial real estate is a key factor in building their value.

In real estate we focus on management processes and building strong and lasting relationships with our tenants.

Management is based on advanced IT tools that optimize the working time of our managers and allow them to concentrate on finding the best solutions for their real estate.

This approach not only guarantees excellent service, but also makes our employees spend time working closely with tenants.



## Management of commercial buildings.

We have a huge knowledge about investing in a comprehensive way - from A to Z. From the very idea, through investment, to tax accounting and monitoring of purchased real estate.

You found yourself in the right place if:

- You want to effectively multiply your money by investing in real estate
- You want to favorably purchase your property for your own purposes and save quite a bit
- You are interested in proven, practical knowledge resulting from experience on the Polish market
- You want to achieve above average rental income from commercial real estate
- you would like to master from A to Z the art of investing in real estate.

We approach each property individually. Our efforts are aimed at creating an attractive and friendly place for consumers and those who are very popular. The place that will meet the needs and expectations of customers thanks to appropriate selection of commercial, service and communication offers.

Offer



Our team is made up of qualified and committed specialists who have many years of experience in implementing projects of different character and complexity. We understand the specific nature of our clients' work, so the actions we take in real estate management are always tailored to their individual needs.

Thanks to our presence in local markets, we have a wealth of knowledge about the specifics and market conditions. We also have access to local subcontractors, so we are able to offer our customers cost-effective solutions.

## Current achievements

The experience gained throughout 27 years of our business activity allowed us to create highly advanced software and applications in terms of their content-based and technological aspects, as well as a strong team of experienced programmers and consultants, capable of executing large IT projects and meeting the demands of the Customers, as proven by our achievements so far.

## Future plans

Thanks to continuous R&D work, we implement novel solutions for our Customers in the area of business analysis, process automation and the efficiency of resource application.

We continue to search for new areas of support with the use of IT technology for the basic operations of our Customers. With this respect we apply the latest technological trends, e.g. mobile devices, IoT, BigData and other.

## The company

**TOP S.A company was established in 1990 in the dynamically developing city of Rzeszow, which is leased in south-eastern Poland.**

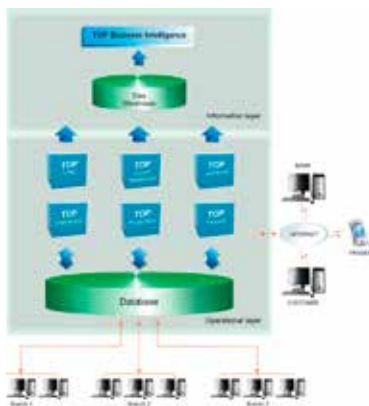
We started from the creation of computer programs in the DOS environment, working on the „flat” databases, then next time on network systems and multi-user.

Currently, we provide our clients with software running under Windows, using a SQL-based database servers running on Linux or Windows. It uses the Internet to transmit data and their synchronization and communication between departments or users and provides the ability to work on mobile devices.

The company is also a member and the co-founder of the Carpathian Association of Information Technology ([www.InformatykaPodkarpacka.pl](http://www.InformatykaPodkarpacka.pl)) and Eastern Polish Information Technology Cluster ([www.KlasterIT.pl](http://www.KlasterIT.pl)) and Eastern Construction Cluster.



### ERP TOP 9000



ERP TOP9000 is an integrated multi-module Enterprise Resource Planning System. System provides comprehensive services of business processes both at operational and decision-making.

System cover among others areas of: accounting, human resource, sales, warehousing, logistics, distribution and transport, customer relations, production, document workflow, etc. The system has many industry solutions in particular adapted to the construction industry.

### TOP WMS



TOP WMS Warehouse Management System which coordinate and support the work of the high bay warehouses. TOP WMS gives ability to manage stocks through a full range of cargo and location identification and management.

The system optimizes the use of warehouse space by suggesting or enforcing the optimal package placement.

### DEDICATED APPLICATIONS



We create dedicated applications using the latest technology and in close cooperation with authority. The process of preparing an application is preceded by a comprehensive diagnosis of the client's needs, and consultation on the necessary functionality to the software developed was characterized by a maximum matching to the needs, was stable, easy to use, provided a possibility of development and were fully integrated with the previously used IT system.



Eastern Construction Cluster  
Reliability Professionalism Innovate



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# TOP S.A.

IT for business

Providing engineering IT solutions that foster company operations and development.

**TOP S.A. has been a specialized manufacturer and supplier of comprehensive IT systems. Our products are constantly developed, innovated and adapter to changing conditions and customer needs.**

Our product allows our customers to achieve most important goals: economic growth and competitive advantage in and more and more complex market as our products are secure, flexible and efficient. Our customers belong to a group of multi-branch manufacturing and trading companies, especially with the construction industry.

The company offer is directed to customers looking for an individual approach, the most advanced IT solutions and support from experienced professionals from the IT sector. Currently operating in Poland, Slovak and Czech markets, but we are open to new co-operations from all over the word.

Working with TOP SA allows you to concentrate on your core business, while we focus on what we do best – providing professional software solutions.





## Wojciech Materna

President

The core ambition of our company is providing efficient, innovative tools for developing business operations of our Customers. We create growth possibilities thanks to the application of IT tools. For years we have provided computer programs; many our Customers have been loyal to us for over a dozen years. This leads to an obligation to work towards their organisations, constantly adjusting our offer to the changing and growing opportunities.

The core of our company rests in our personnel, equipped with a degree in engineering and wide experience, who use computer sciences for solving problems and not for its own sake. This makes us stand out from most companies in the IT sector. Thanks to the engineer's approach, we are partners in business and organisational processes and we can support our Customers in their development.

Our ambition is to develop products in such a manner that they can be a step ahead of the needs of our current and future Customers. Therefore, we work continuously on new tools and novel technologies. We constantly test new approach to phenomena and processes, wishing to support the growth of our Customers. It is of note that after purchasing our products and services, most companies start growing dynamically – we hope that this is also the result of our commitment.



## TOP B2B

The system enables two-way electronic transmission and verification of data. System minimizes the exchange of information in traditional way also minimizes the risk of committed errors. The system provides the ability to automatically input data from the documents received or sent by only checking the operator's activities. Information from the TOP B2B are in real time exchanged with the ERP system giving current information necessary for analysis and reports. Information from the system are also the basis for the work of production capacity planning tools and for departments of logistic, finance, warehouse etc...



## TOP OLAP

is a Business Intelligence Analytical System. The task of the system is to transform, integration and aggregation of distributed, heterogeneous data from different systems and applications.

Data warehouses contain information that allow a thorough analysis of the company's activities and its results. Large amount of data collected in the data warehouse and large degree of accuracy and clarity of analysis allows the identification of yet unobtrusive correctness and linkages. Their understanding and use can increase the competitiveness of business.



## TOP CBI

TOP CBI is addressed mainly to companies which want to control and manage the IT infrastructure or in advance to plan work activities and performance of equipment.

The system allows the tracking performance of any process, both business issues as well as monitoring the status of the devices. The system automatically sends alerts in case of events exceeding defined thresholds of safety. System access is possible from any computer, or through mobile devices, regardless of where the user is currently located.





## Our Offer

The company's offer is a full comprehensive software package: from ERP systems (including: finance, human resources, sales, logistics, purchasing, warehouse, complaints, transportation, crm, production), the analytical Business Intelligence systems, web tools supporting contact with the client, WMS and B2B systems, document management systems, reporting systems and dedicated applications.

We do not sell „the-shelf software“ – we work with our clients to achieve the best solutions for their purposes. Our software is implemented in accordance with the individual, agreed with the customer's needs and goals. We are responsible for each stage of cooperation: from identify needs and functionality by the implementation of post-implementation support supervision of the consultants involved in the action. This approach allows you to maximize the benefits for the end user, and optimally adapted to the specifics of the system of the recipient.



## Profiles of our customers

Our customers are the best recommendation for the proposed solutions. The main customers of our software and services includes large, medium and small companies form the following industries:

- distribution companies (usually multi-branch), construction, food, automotive, furniture, household appliances,
- retailers of different industries,
- large companies, stores, wholesalers,
- large and medium-sized supermarkets (stories, supermarkets),
- the food manufacturing companies (including meat and poultry),
- manufacturing companies, industrial (including construction industry),
- construction companies, repair companies,
- automotive stores of different brands,
- automotive services,
- cooperatives,
- processing,
- accountants,
- and much more...



## Cooperation with the Client

TOP S.A. is a manufacturer of all qualified specialists working in our company, so we are responsible for each stage of cooperation: from identify needs and functionality by the implementation of post-implementation support supervision of the consultants involved in the action.

Providing customers with the selection appropriate tools, we provide all necessary consulting services. Consultants advise how the company can improve its internal processes, improve the flow of information through the organization and improve operational efficiency. The project implementation is prepared taking into account the current functioning of the company, as well as changes to be made and goals to be achieved.

## At the forefront

For two years in a row we have been ranked the fastest growing technologically innovative companies in Central Europe by Deloitte Technology Fast 50 CE. We have been awarded with the following titles: Associate Partner Episerver, Microsoft Gold Certified Partner, aZ Solution Advanced Partner, Google Premium Partner.

For our projects we have received numerous awards and distinctions, e.g. Webstar in the category "House and Garden" for BRW for the e-commerce platform. In the ranking conducted by Money.pl the sales platform for Iparts.pl was ranked as the best Internet shop in the category of specialist stores in the automotive sector. The information portal of the Polish Council of Radio and Television was awarded with a distinction in the competition "Webpage without Barriers".

## Research and development

"One of the most significant pillars in our strategy is creating innovative solutions that support the development of the surrounding world."

Our challenge for the years to come is developing applications that not only bring tangible business advantages to our Customers, but also have the potential to improve our daily life and health. Therefore, we decided to create Accelerator IDEA Global, a tool for supporting start-ups.



## The company

Throughout 18 years, from a family-owned company Ideo has transformed into a dynamically developing enterprise that currently cooperates with over 180 specialists. The projects executed by us are awarded in prestigious competitions in the whole world. Our employees are appreciated for their expertise, experience and quality of rendered services.

Each day we do our best to be a socially responsible company. We conduct charitable activity and address the needs of our employees as well as Customers. Apart from commercial operations, we take part in measures that give an added value to others, e.g. we share our knowledge at numerous trade conferences. We get engaged in educational projects through the cooperation with many schools and universities.

Since the beginning of our activity, we take measures to support public benefit organisations, foundations and associations.

In this year's edition of the competition "Benefactor of the Year" we have been distinguished in the category "Social engagement strategy".

## Dedicated applications

A system solution supporting business communication and fostering enterprise management.

Such applications are created from scratch on individual order. Their execution is preceded by a detailed analysis of the Customer's needs and requirements. It fosters effective optimisation of business processes.

## Intranet

Intranet fosters cooperation, access to documents, information and other systems, which contributes to growth in work effectiveness.

Employees or entire project teams can apply it to share their knowledge and results of their work, upload documents and work on them in cooperation with others. Intranet facilitates the access to the information e.g. on the course of the project, schedules, holiday and any materials that concern a given group of users.

## E-learning platform

"Knowledge accessible at any time and place – the core of eLearning is eliminating barriers in the access to knowledge."

E-learning is becoming a tool for managing the knowledge content that is growingly popular and more frequently implemented in Polish enterprises. It allows for individual selection of the preferred format of providing knowledge and the pace of its communication. It can be successfully combined with traditional teaching in a form of blended courses.



Eastern Construction Cluster  
Reliability Professionalism Innovate



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ideo

Software House  
and Interactive Agency

### We support your business.

Ideo has already executed projects for over 1,000 companies and public institutions. We are proud of our competences that enable us to undertake even the most complex projects. These are most often Dedicated Applications, created from scratch, and thanks to their adjustment to the Customers' needs, support their operations and help to create the image of a specialist.

We implement intranets, systems of electronic document and information circulation (workflow systems), e-learning platforms, loyalty and partnership programmes, internet shops, B2B platforms and many other.

We offer a full scope of services connected with all stages of planning, creating and promoting Internet solutions.

We execute projects for Customers in the whole world. For over 10 years we have developed our author's products: Edito CMS – a content management system, Logito DMS – a system of electronic document and information circulation, Motivation Direct – a platform for managing loyalty and partnership programmes, Edito E-learning – a platform for managing e-learning courses.

“Sensibly connecting creativity with experience, we help our Customers spot and effectively use the technological potential.”



## Platform for electronic document circulation



*"Employees do not care about volumes of paper but the information it contains."*

A well-organised workflow ensures the reduction of documents in the company's circulation. This shortens the time of their processing and facilitates the access to archived information. This platform also raises the level of information safety.

### Benefits from implementation:

- automation and universalisation of document circulation,
- accessibility of documents at the level of the Internet browser, reduction of the company's operational costs,
- safety and protection of documents.

### Arkadiusz Michno

President of the Board

Thanks to our team composed of 180 specialists, Ideo combines the competences of the Internet Software House and the Interactive Agency. We have executed projects for over 1,000 Customers, among whom there are numerous corporations and international companies. More and more frequently we receive requests to search for innovative solutions that can be used for improving the effectiveness or strengthening the attractiveness of products.

We wish our Customers to develop their business even more effectively thanks to our support.

We constantly adjust our offer to the needs and requirements of the rapidly changing Internet market. We possess rich experience and a fresh perspective of your business which we combine with the knowledge of trends and Customers' expectations. This allows us to implement a successful business tool, but also its subsequent optimisation and development.

Our architects and developers are equipped with the necessary knowledge and experience in creating specialised software and applications for key economy sectors.

In order to strengthen our competences, we also remain in close contact with the world of science, e.g. specialists in the fields of medicine, finance and artificial intelligence. This cooperation has already resulted in a number of precious projects.

## Internet marketing



We exist to provide cater for our Customers' brands. We learn to achieve success and gain trust. We aim to ensure full service in the web and assist in gaining an advantage over competition.

We create brand images and engaging contents, we maximise ranges and improve conversions. We deal with complex promotion in the Internet, positioning and AdWords. We develop marketing analyses and strategies, select the best solutions, continuously provide advice, knowledge and experience.

### Benefits from implementation:

- modern brand image,
- trust,
- targeting groups,
- mobile version accessibility.

## Sales platform / B2B



*"A developed B2B system supports any relations with business partners."*

B2B systems are advanced sales systems that provide services to the entire sales process. This system also eliminates the probability of errors that occur in the course of manual execution of orders.

### Benefits from implementation:

- automation of operations,
- reduction of operational costs,
- safety and accessibility,
- improved payment scheme.



## Internet technologies

In order to ensure a high level of safety and efficiency, we use the latest technological solutions. We take due care over updating the systems and platforms used by our Customers.

Our specialists are equipped with competences that allow us to create efficient IT solutions. In the course of implementation, we use author's platforms Edito CMS and Logito DMS, but we also feel proficient in the Open Source environment. Each time we analyse the Customers' needs and the goal they wish to achieve in order to select a technology that allows for executing it in an optimal manner.

Combining technology with adequate approach to project management, we create tools, thanks to which our Customers develop their business even more effectively. The tools that we take pride in.



## Internet promotion

We operate in the Internet marketing environment, developing creative projects that constitute a tool for establishing an image of our Customers. We optimise the implemented solution and help to promote them in an effective manner.

We perfectly know the interactive media sector and IT reality. For over 18 years we have analysed and studied the needs of our Customers. We have the knowledge on current trends, consumers' expectations and market requirements. We stay current with technological and marketing novelties. Therefore, we always know how to ensure ideally compatible and effective solutions.

**We take an individual approach to every project. We treat each entrusted brand with care, guaranteeing its success and development. We plan, create, implement, monitor, consult and assist our Customers in achieving success.**

## Consultancy

For years our experts have provided consultancy to entrepreneurs and assisted them in making successful business decisions.

Our team is equipped with rich knowledge and competences in key business areas. Advanced analytics, strategies, planning and brand development in the web, implementations of IT solutions, the safety of IT systems, legal and communication consultancy are some of them. We establish long-term relations with our Customers, based on mutual understanding, trust and professionalism.

We start each project with holding a meeting with the Customers and analysing his expectations, potential and business environment. Analytics and briefing allow us to understand the challenges faced both by our Customer and ourselves.

In the construction industry a crucial marketing tool that allows acquiring new contracts and orders is participating in fairs. Although entrepreneurs undoubtedly notice the benefits resulting from such events, they are frequently forced to resign from their partaking.



**eurofirma**.pl

magazyn przedsiębiorcy

The main reason is often complicated registration procedures, organisational or financial matters. EuroFirma Media ensures complex organisation services connected with the preparation for the participation in the fairs, starting with preparing graphic materials, exhibition stand walls, later creating an offer and ending with direct representation of the company and its offer at the fairs.



Eastern Construction Cluster  
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eurofirma.pl

**EuroFirma media Sp. z o.o. provides consulting services in the field preparing business plans, economic analyses, credits, feasibility studies etc. Its experts have an extensive knowledge of law, finances, investments, marketing and training.**

They are able to effectively apply for subsidies from the European Union. EuroFirma Media Sp. z o. o. is also the publisher of a nationwide magazine - Entrepreneur Magazine EuroFirma.pl. The publication provides readers with the latest information on a wide range of business issues, including EU funds, quality management systems, law and training.

The magazine regularly visits the desks of business owners, executives, marketing directors, HR, employees of public institutions, and all those who hold hands on the pulse of the country's economy and modern business solutions.





eurofirma.pl

magazyn przedsiębiorcy

## EU consultancy

- Preparing analyses necessary for launching subsidies
- Preparing feasibility studies, business plans, financial and economic analyses
- Consultancy with regard to the selection of proper programmes
- Preparing grant applications
- Supervision of reporting on the execution and settlement of objectives included in the grant contract
- Preparing suitable documents for final grant settlement



EuroFirma Media provides complex consulting services e.g. within acquiring external means of financing, employee training, organising business meetings (conferences, congresses, fairs). Moreover, the company offers professional publishing services. EuroFirma Media co-organises the EuroCertyfikat International Competition. Its circle of significant Customers is comprised of companies whose core business activity is classified in section F of the Polish Classification of Activity – Construction.



## Marketing consultancy

- Diagnosing the company's current situation
- Searching for innovative marketing solutions
- Internet marketing
- Planning and implementing marketing activities
- Measuring the effectiveness of the undertaken measures
- Analysis of the industry's specifics
- Maximising the effects of the current marketing activities
- Measures guaranteeing the company's dominance over its competition
- Preparing advertisements, presentations, websites, advertising campaigns



## Analyses and research

- Market research
- Analysing the company's social potential
- Preparing databases
- Research on request
- Recognising the knowledge, awareness and image of the company / brand
- Identification of consumer / customer needs

# STREB



## STREB Polska offers:

office areas at the heart of Białystok (e.g. ul. Lipowa), storage and production areas (e.g. in the vicinity of Galeria Podlaska). The currently executed investment will offer over 8,000 m<sup>2</sup> of SBU (Small Business Unit) area at the beginning of 2018.

This will be the only facility fostering the development of local entrepreneurship in the region.

Well-connected production, storage and service premises (in direct vicinity of the ring road) with the area of 250 m<sup>2</sup>, 500 m<sup>2</sup> and 1,000 m<sup>2</sup> for office and social rooms will be available for sale and rental.



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# STREB

**STREB Sp. z o.o. specialises in professional investments and real estate management. The company offers the best quality of services, successfully undertakes measures based on sound knowledge, experience and expertise on Białystok and the region's market.**

STREB Polska enjoys the trust of its customers and business partners. It focuses on the economic effectiveness of investments, providing professional and efficient services to investors operating on the commercial property market. The offered locations and services are adjusted to the individual needs of the investors that STREB provides with at all stages of investment execution.





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STREB's mission is to preserve high dynamics of its development as well as achieving a dominant position in Podlasie Region.



### We specialize in:

- making decisions and performing actions aimed at ensuring proper economic and financial management of real estate
- Ensure safety of use
- Proper use of real estate, including ongoing real estate administration
- Taking actions aimed at maintaining the property in the condition not to be deteriorated according to its intended use
- Justified investment in real estate.

Preparing a long-term plan of operation can guarantee the correct use of the available space by optimizing the profit. As part of the implementation of these services, both real estate revitalization and further development of the plan to increase revenues and reduce operating costs should be taken into account.

Of course, an inseparable part of the actions we are able to boast of many achievements is investor supervision, which responds to the changing needs of the local market.

As part of effective control, negotiation and signing of contracts, tenants' relationships, representation of owners and the preparation of financial statements for the implementation of the plans should also be taken into account - each of these aspects is our specialty.



*I would always look sceptically at business associations and clubs as they were so full of "mumbo-jumbo" that there was no time or energy for work and executing usually right ideas. The Eastern Construction Cluster surprised me because its organisational structure gave an organic shape to cooperate relations on various planes. I hope that my trust in such experienced idea of clustering will become a long-lasting state. Its effect is also confirmed by the fact that many projects became highly mature and the Cluster – an unstoppable "critical mass".*

Roman Kozłowski  
President of STREB


The company especially focuses on establishing an image of a secure and professional business partner, providing services at the highest level. Its objective is customer satisfaction, whose trust and appreciation is the utmost value for STREB.

The company's strong assets are: high culture, knowledge of the local market, in particular the needs and expectations of the customers as well as qualified personnel of competent and meticulous employees.

Globart Media professionally deals with building a market identity for companies, specific products and brands. Our aim is to recognize our client and his offer on the market



**GLOBART** media



Visual identification  
of your business.



Eastern Construction Cluster  
Reliability Professionalism Innovate



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**GLOBART media is one of our capital-related companies that for 21 years has operated in the sector of external advertisement. Our chief product is external advertisement. We own a network of large- and medium-format carriers, a chain of billboards, super 18 and CLP advertisements.**

**GLOBART media**  
REKLAMA ZEWNĘTRZNA

We offer perfect city locations, on prestigious buildings and crossroads, in most popular places. We advise on the best available sites or acquire new locations. We provide full servicing of the advertising campaign – production/printing, logistics, assembly/disassembly, monitoring, utilisation, reports for the Customer.





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## Effective and economical marketing tool

Visual identification provides answers to the following questions: what is the company, how does it change, where it is going, and what distinguishes it from other companies with the same business profile? This statement is especially true for companies and their image. Although the name, company logo (wordmark), and company colors are the basis of visual identification, the identity system as a whole (coherent corporate identity) is more than just the sum of its individual elements. Properly designed and skillfully used visual identification system becomes an effective and economical marketing tool.

Globart Media professionally deals with building a market identity for companies, specific products and brands. Our aim is to recognize our client and his offer on the market. In the era of continuous technological advances, the brand should function and stand out on the Internet. The image of your company and the creation of a brand, creating a brand image in the web space is not only an extension of the already established visual identity, but it complements and develops.

## On-line promotion

Not every company's visual identity or brand is immediately - without the slightest modification and adaptation to the requirements of the network - adequate for on-line promotion. A well-designed brand image that looks good in a printed catalog will not be attractive enough on a computer or smartphone. Sometimes the created visualization for the brand has to be changed to take full advantage of the technological capabilities of the media. The new image of your brand and the company on the internet should be carefully thought out. Globart Media is aware of all the opportunities, but also the dangers of networking. We put great focus to the careful presentation of the visual identity of our customers.



## Visual identity

Successful design of the company's visual identity helps Customers choose Your product from hundreds of thousands of products on the market.

A company entering the market must know exactly what is important and what should be done to promote the company (product, service, brand) to succeed. We know it - the visual identity of the brand is a subject in which we specialize. We can help your company design a visual identification system for it (a well-thought-out corporate identity).

Building a visual identity is a process by which a company becomes recognizable. From the sketch, through solid foundations, and a number of details to a solid building. Globart Media constantly watches over every element of visual identification so your brand continues to grow and grow in strength, distancing one another from the competition.

## Brand building

Brand building is a very important element in the marketing strategy of any business. Visual identification strengthens the image of the company and products in the awareness of potential customers. The good image of the company is worth taking care of from the very beginning. The first step is to create a logo that needs to be thoroughly thought out. This will avoid later adjustments and unnecessary costs. Well thought-out visual identification is a good investment in the company's future, especially since a later change in the company's image is a complex and often costly process.



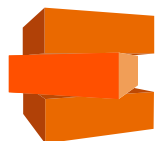


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# Eastern Construction Cluster

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European Union  
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Development Fund

