ALUPROF

Millions of Square Meters

of Experience in Aluminium

Plant in Bielsko-Biała

ALUPROF
traditional and modern

Aluprof SA is one of the leading manufacturers of aluminium systems in Europe. The company has branches in many European countries and in the United States. Aluprof SA is part of **Grupa Kapitałowa Grupa Kęty SA**

With almost 70 years of experience and annual sales revenues exceeding 340 M EUR, Aluprof SA has over 1,400 regular clients. Exports account for 40% of total sales. The company employs more than 2,300 employees.

Aluprof SA manufacturing plants are located in Bielsko-Biała, Opole, Goleszów and Złotów, and have a surface area of over 340 K m^2, and a modern equipment including:

› automated production line for insulated profiles
› ten state-of-the-art production lines for roller shutter profiles and roller-boxes
› high bay warehouses
› modern, fully automated lines for powder coating, including a vertical powder coating lines

Plant in Opole

Plant in Złotów

Plant in Goleszów

Plant in Ogrodzona

55 export countries

● – subsidiaries ○ – plants

ALUPROF worldwide

Aluprof SA sells its solutions to the majority of European countries, and also to the US. The Company has a representation and distribution centres all over Europe i.e. – in Germany, Great Britain, Ukraine, the Czech Republic, Hungary, Romania, Belgium, Holland and the USA.

Aluprof is regarded on foreign markets as an important trustworthy partner, which consequently systematically increases export sales, currently constituting 40% of total sales. The recipients of high quality architectural systems from Poland are from new markets: Estonia, Azerbaijan, Georgia, United Arab Emirates.

Headquarters of Grupa Kęty SA, Capital Group, in Bielsko-Biała

GRUPA KĘTY
holding company in a nutshell

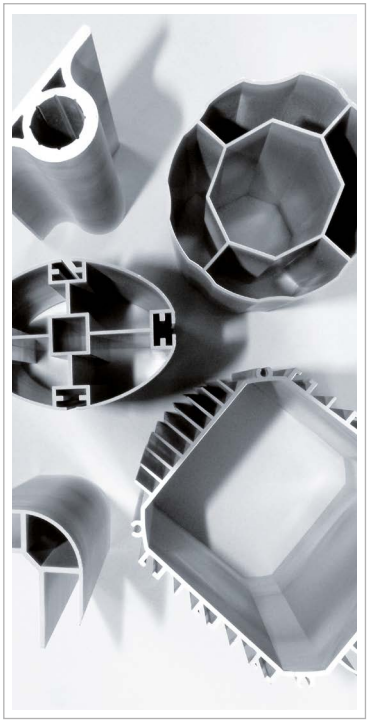
Aluprof SA is part of the **Grupa Kęty SA, Capital Group**, a holding group comprising five main business segments operating in the following areas: production of profiles and aluminium components, planning and production of architectural systems and external aluminium roller shutters, production of flexible packaging, construction and installation services of aluminium curtain walls and production of accessories for installation of windows and doors.
25 companies belong to the Capital Group, of which **15** are foreign companies, processing approx. **83 thousand ton** aluminium raw materials annually. Consolidated revenue from sales of Grupa Kęty SA total **660 million EUR**, export constitutes 47% of total sales, and the recipients are approx. 3300 companies from 55 countries worldwide. Shares of Grupa Kęty SA have been listed since 1996 on the Warsaw Stock Exchange.

STRUCTURE OF GRUPA KĘTY

GRUPA KĘTY SA CAPITAL GROUP

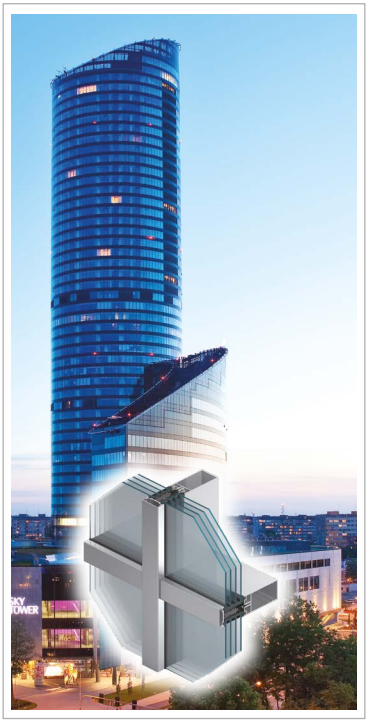
EXTRUDED PRODUCTS

Gk Grupa Kęty



ALUMINIUM SYSTEMS

ALUPROF



FLEXIBLE PACKAGING

Alupol packaging

BUSINESS
Social Responsibility

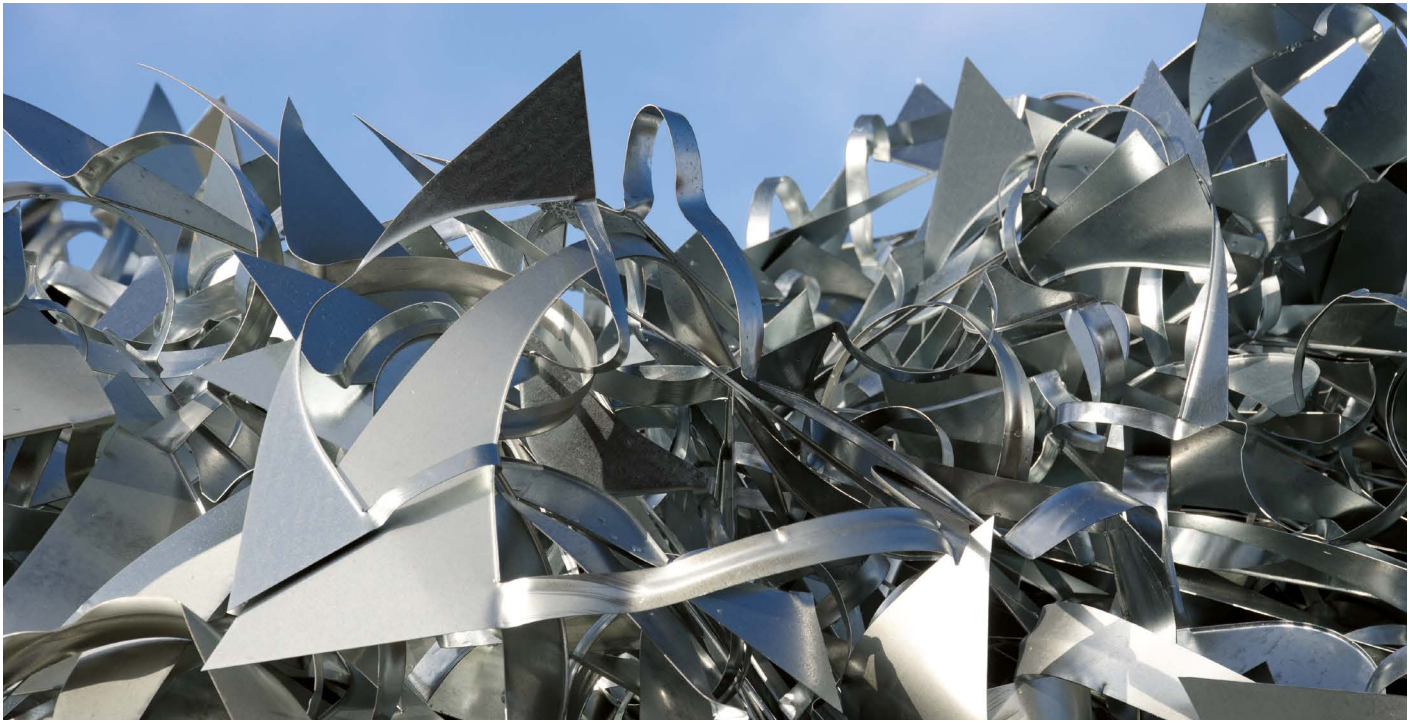
Aluprof, part of the Kęty Group of companies, firmly believes in and practises the concept of Business Social Responsibility and sustainable development achieved by creating versatile relations with the immediate environment. In practice, this involves considering the needs of as wide a group as possible of our "stakeholders": shareholders, employees, clients, business partners and the local community. Building these relations with the immediate environment guarantees our Company's harmonious development and ultimately we enjoy the positive image which this creates.

Responsibility for the whole Group does not only involve satisfying all formal and legal requirements, but also increased investment in human resources, in environmental protection and relations with our immediate environment, that is, voluntary involvement. In 2014 Grupa Kęty SA began the process of formalizing its earlier activity to comply with the general world standards and procedural norms. In this process the guidelines of PN-ISO 26000:2012 standard were formally implemented in Grupa Kęty SA, the aim of which is increased efficiency of tools used and their integration with the systems and decision-making structures in the Group. In December 2014 Grupa Kęty SA joined the United Nations Global Compact initiative, which means that it upholds and applies 10 principles in the field of human rights, work standards, protection of the natural environment and countering corruption.

GRUPA KĘTY'S FOUNDATION
for Children in Podbeskidzie

FUNDACJA GRUPA KĘTY DZIECIOM PODBESKIDZIA was founded by Grupa Kęty SA Capital Group in August 2011. This organization's activity centres mainly on assistance to pupils in special education centres and Children's Homes so that they receive an education, have access to various sources of knowledge, and qualifications which will give them a better start in their adult and independent life. The Foundation believes in equality of opportunity and therefore one of its goals is to shift the balance more in favour of the children so that they are not disadvantaged, through active participation in various local and national cultural and sports events.

Fundacja **Grupa Kęty**
Dzieciom Podbeskidzia



Integrated MANAGEMENT SYSTEM

Grupa Kęty manages almost 100% of its aluminium waste produced in the plant in Kęty and dependent companies nationwide. This waste is used as a component in raw materials to manufacture new aluminium extrusions. The Company also receives aluminium waste from end users and from production in other plants. This process is subject to rigorous requirements as to the quality of the scrap-metal purchased, so that polluted aluminium is not used in re-melting, and no detrimental combinations form in the air, which could pose a threat to the environment.

Aluprof SA obtained a Type III Environmental Declaration for its window, door and facade systems.

The **Environmental Product Declaration (EPD)** is a worldwide accepted, independent certification that presents information about the life cycle story of a product's environmental impacts. It is awarded based on a life-cycle assessment that aims at reducing the negative impact of the product on the environment.

ALUECO

GREEN accounting

The involvement of Grupa Kęty, to which Aluprof belongs, in environmental protection, means that the traditional accounting system has been adapted to the requirements of eco-friendly activity. And a “green accounting" model has been introduced, enabling a full costs analysis of environmental protection and is included in the enterprise’s financial reporting.

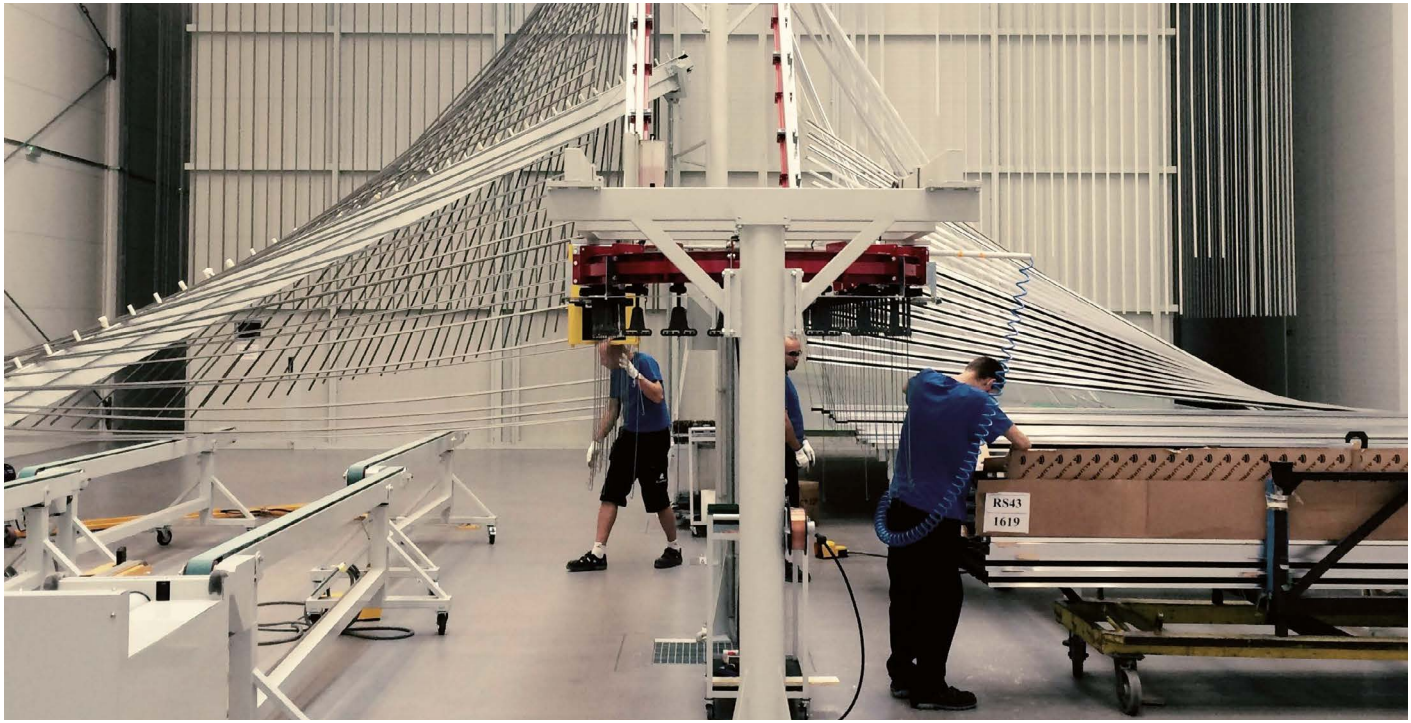
The Company keeps comprehensive records of the costs involved in environmental protection, examines their structure and analyses changes occurring over time. The data sources for financial evaluation of pro environmental activity are: investment expenditure, the costs of maintaining and exploiting protective equipment, the level of charges required by law for exploitation of the environment, product charges etc. Environmental accounting is a tool facilitating our decision-making relating to ecological activity, and based on the evaluation of effectiveness optimal decisions are taken as to investment and organizational ventures.

Aluprof has introduced e-invoices out of our concern for the environment and the improvement of efficiency in activities with cooperating companies. This is both a convenient and safe solution that helps to protect the natural environment. And it is also a time and money saver.

Enjoy creating WITH ALUPROF

The possibility of producing aluminium profiles at Grupa Kęty SA Capital Group gives enterprises a free hand, market flexibility, and also an offer of competitive price. Aluprof has available lines for automatic joining of aluminium profiles with the aid of thermal breaks. Manufactured "warm-formed" profiles are the basic element of window and door systems which the Company offers. The manufacture of insulated profiles is also part of our services. Apart from the standard products clients can also order profiles in two colours – that is, two different colours of coating, coating with anode, anode with a woodgrain coating etc.

Our offer also includes a bending service for profiles according to drawings and templates. We can also make bent structures from raw material profiles, or coated in a RAL, NCS and also in woodgrain ADEC colours.



In both its plants, Aluprof has available modern powder coating paint shops with high performance, fully automated lines, fitted with a quick colour change painting booths, and also a vertical paint shop. Because of the additional manual coating lines, the Company is able to easily adapt to client's requirements depending on the size of the order and deadline. We consider as a priority solutions which are environmentally friendly using non-toxic preparations and applying treatment of aluminium without chromium. The "sandwich" type cabin and the application system and recycling of powder allow effective use of the coating and quick colour change. The entire coating process is computer controlled, which guarantees permanence and easy duplication of coating parameters, including its thickness. We hold certificates from Qualicoat, Seaside and many powder paints suppliers which confirm the effectiveness of our supervision of the respective parameters.

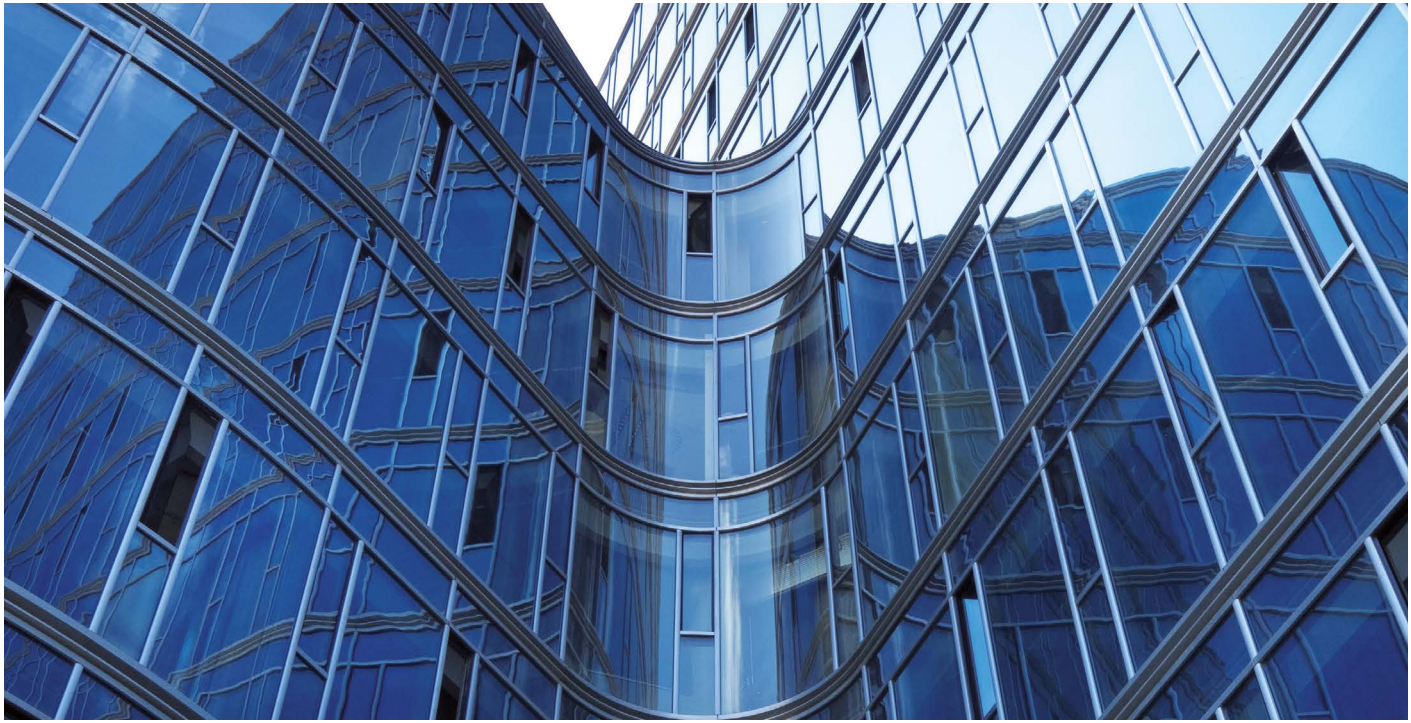
Our offer includes: all types of powder coatings from the RAL, NCS range and paints with extended guarantee, DECORAL woodgrain surfaces. Coating of metal plate 1250 × 3000 and a double layer system (primer + finishing paint) we recommend in a "basin, coastal" environment. Output of all Aluprof paint shops is 7 million m^2 annually. Maximum dimensions: L 7200 mm; H 500 mm; weight of the material in suspension up to 300 kg.

Our offer includes anodised profiles, in a wide colour range. Profiles with a brush and shot blasting effect are also available. The quality of the coating is guaranteed by a Qualanod certificate.

We Profile
ARCHITECTURE

Our glass buildings, because of our effective aluminium systems, evoke admiration and recognition. Solid construction of the profiles and the shining glass give a unique result. And all the more so, when the building attracts attention for its original architecture. Aluprof's projects are eye catching for passers-by because of their unusual appearance. In Poland annually over 250 new buildings are constructed with the use of Aluprof aluminium systems: car sales showrooms, banks and hotels, university departments, hospitals, technology parks, operas, philharmonic halls, sky scrapers and shopping and entertainment complexes.

Our business partners can always count on support and consultations with our technical support department who can resolve technical problems, provide technical knowledge regarding use of new systems, construction-calculation software, training for technical personnel and supply information about our products. The department's task is also to provide advice and support in the choice of systems, material evaluations, specifications, technical drawings and planning details and calculations.



OUR SOLUTIONS
are tailor made for you

Individually planned construction solutions and details can give a building a unique character, which stands out in its surrounds. Buildings which have these types of features, are constructed precisely according to the designer's vision, and are not only the source of great satisfaction for all those taking part in the designing process and contractors – the building often becomes the characteristic focus point for a given area or the whole district, a symbol of the quality of contemporary architecture, having a direct influence on the image of the town and a welcome sight in the daily lives of residents. One of the most effective (and impressive) methods to distinguish the building this way is the use of the "objective solution" as regards aluminium and glass façades, more and more frequently used lately by architects.

In our activity we strive to constantly improve the quality of products. They satisfy the requirements of European standards as regards the quality of alloys, fabricating tolerances and the characteristics of durability. Our know how is the technical thought. Trained specialist staff work on the latest technological solutions.
The designed systems satisfy market needs, and help architectural visions become reality, and also play a significant part in the development of the aluminium structures sector.

HIGHEST QUALITY

services and technologies

Aluprof always places a great weight on continuous development and maintenance of the highest level of its manufactured products and services. Each employee has a duty to maintain a high level of quality. The process begins at the suppliers, that is, from high quality components, from which systems are constructed. Innovative technologies and a modern machinery park, guarantee solid and durable products and the Client's satisfaction. This is also down to the creative work of the construction department.

Within the Grupa Kęty, in Złotów there is an accredited **Measurement and Research Laboratory**, available innovative equipment including the largest in Central Eastern Europe test chamber for windows, doors, curtain walls and external roller shutters.

ALUPROF
amongst the Best

Aluprof's top quality products have been recognised through many industry awards, including the Eagles of Polish Joinery 2019 Forbes Diamonds 2019, Construction Firm of the Year 2018, Big Pearl of the Polish Economy 2019, Top Brand 2019, Joinery Market Leader 2019, Golden Construction Brand of the Year 2019, 5-Year Consumer Leader of Quality, Ambassador of the Polish Economy, Passive Building Ambassador, Business Cheetahs, Construction Brand of the Year, Dynamic Company, Builder of the Polish Sport Crystal Profile, Effective Company, Brown Quality Emblem QI, Quality of the Year, Customer's Laurel, Diamond to the Golden Leader of the Polish Business Statuette, Business Credibility Certificate, Eagles of the Polish Construction, European Medal for MB-86 System, EU Standard and many others.

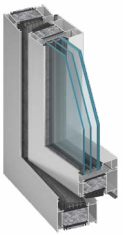
AMBASSADOR
of passive building

The Company's offer includes products which comply with the requirements of green construction and which perform well both in commercial and private construction work. When striving to reduce costs involved in the use of buildings, enhancement of energy saving takes on particular importance.
One of the most effective ways of attaining this goal is to use modern first fix joinery solutions which increase the thermal insulation performance of buildings. Therefore, the Company is widening its offer to include further solutions, which ideally satisfy the needs of energy-saving and passive construction. In 2014 alone, 4 systems received certificates from the Passive House Institute in Darmstadt (PHI), and two façade systems were awarded the highest possible class of effectiveness A+.

THE POLISH INSTITUTE OF PASSIVE BUILDING AND RENEWABLE ENERGY accorded Aluprof the status of Ambassador for Passive House Construction for the production of first fix joinery products recommended for installation in passive buildings and recommends the Company as a trustworthy partner in all passive building projects.

Aluprof is a member of the **Polish Green Building Council**. PLGBC associates a number of companies operating in construction-related sectors, whose common goal is to support the idea of sustainable construction.

SECURITY
products



Basic profile systems intended for fabrication of **security windows and doors allow to choose solutions categorized into classes RC1 to RC4** that meet the requirements for thermal protection of buildings. To this purpose, different systems can be used. They all vary in degree of thermal insulation performance of their profiles: from the basic system **MB-60 / MB-60HI**, through the most popular **MB-70 / MB-70HI** to the more thermally-enhanced MB-86, available in three thermal options: **MB-86 ST**, **MB-86 SI** and **MB-86 Aero**, plus **MB-104 Passive**, available in two thermal options: **MB-104 Passive SI** and **MB-104 Passive Aero**.

The glazing in security constructions usually consists of glazing units with special, often multiple-walled glass, made with tempered glass panes and special films. Depending on the categorization, the glass in windows, doors, or curtain walls is chosen according to EN 356: for classes RC1, RC2 the glass panes are not lower than P4A, while in the class RC3, these are not lower than P5A and, in class RC4 – than P6B.

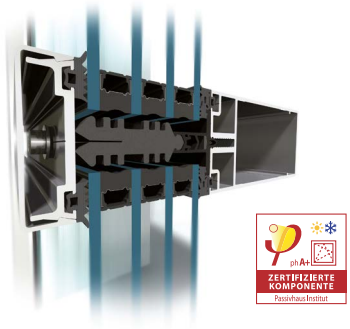
The opening methods of security constructions are not limited only to classic side-hung or tilt and turn solutions. Those who prefer large, sliding glazed constructions and wish to keep their home well protected, can choose the system for lift & slide patio door **MB-77HS**, with an increased resistance to burglary, confirmed by tests.

The hardware used in security constructions have a robust structure and a special anti-burglary elements. The handle and the key are obligatory elements of the window. Exterior door can use multi-point locks and special anti-pry mandrels. Reinforced locking mechanisms in double doors play also an important role.

Glass-aluminium curtain wall security structures allow to fabricate constructions in classes RC1 to RC3 to EN 1627:2011. They can be based on two systems, similar in appearance, but varying in internal structure and technical parameters: this refers to the classic, popular **MB-SR50N** system or to the newer and more sophisticated **MB-TT50** system that provides even better thermal insulation and tightness performance. Mullion/transom-based construction is based on a set of basic profiles, insulators, gaskets and glass of an appropriate class, and has additional security in the form of special accessories for fixing the glass to the construction using a sealing and bonding compound.

In addition to window, door and curtain wall systems ALUPROF offers **external roller shutter systems**, including an innovative system of security roller shutters **SAFETY PREMIUM**. The effective protection is ensured by reinforced channels and a special reinforcement in the endslat which ensures high rigidity and stability of the curtain. In addition, the resistant structure of the curtain prevents any impact-induced damage to the roller shutter. The latch mechanism mounted in the bottom part of the shutter prevents the closed curtain from being raised, which significantly impedes the burglar from penetrating into the building. The security construction can be used both in front-mounted and flush-mounted systems. Aluprof systems-based security roller shutters were tested to EN 1627:2011 in an accredited laboratory and **are categorized into class RC3**. Moreover, a novelty in our offer is the anti-burglary roller shutter system in **RC2** class.

MB-TT50
curtain wall system



TECHNICAL SPECIFICATIONS
- mullion and transom depth: from 65 to 245 mm
- high thermal insulation: **U_f from 0,5 W/(m²K)**
- glazing thickness: up to 64 mm
- air tightness: AE 1350 Pa, EN 12153:2004; EN 12152:2004
- water resistance: RE 1800 Pa, EN 12155:2004; EN 12154:2004
- impact resistance: I5 / E5, EN 13049: 2004, EN 14019:2006

CONSTRUCTION
- awarded with highest possible class A+ by PHI Darmstadt
- profile shapes enable flushing of mullion-transom profiles from the inside of the façade
- wide variety of angular connections to allow greater spatial structure design flexibility
- set of adapted insulators to provide an excellent protection against heat loss, while their special shape facilitates prefabrication of the façade
- high capacity of mullion-transom connections (3,0 KN) coupled with wide range of glazing to enable the use of various types of glass and the installation of large, heavy sets
- wide range of façade-integrated, openable elements: various types of doors and windows, including roof slope windows, façade-integrated windows, tilt and parallel opening windows (MB-SR50N OW)

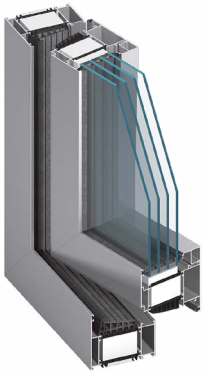
MB-SR50N HI+
curtain wall system

TECHNICAL SPECIFICATIONS
- mullion and transom depth: from 50 to 325 mm
- high thermal insulation: **U_f from 0,59 W/(m²K)**
- glazing thickness: up to 64 mm
- air tightness: AE 1050, EN 12152
- water resistance: RE 1200, EN 12154
- impact resistance: I5/E5, EN 14019

CONSTRUCTION
- certified highest class A+ by the PHI Darmstadt Institute, MB-SR50N HI+ system can be successfully used in all passive buildings
- angle joints for a custom formation of aluminium developments
- mullions and transoms with "sharp" edges, allowing to build load-bearing structures with appearance of a uniform truss
- aesthetic varieties of façades and numerous overlay profiles of different shapes provide a multitude of variants of the façade
- wide range of façade-integrated, openable elements: various types of doors and windows, including roof slope windows, façade-integrated windows, tilt and parallel opening windows (MB-SR50N OW)
- important range of glazing and available insulators and accessories to achieve a high level of thermal insulation performance
- possibility of bending profiles and creating arch structures

MB-104 PASSIVE

window & door systems with thermal barrier



ZERTIFIZIERTE KOMPONENTE
Passivhaus Institut

TECHNICAL SPECIFICATIONS

- frame and casement depth: from 95 to 104 mm
- high thermal insulation (openable window): **U_w from 0,53 W/(m²K)**
- max. casement dimensions (H/L): 2900 mm / 1700 mm
- max. door leaf size (H/L): 3000 mm / 1400 mm
- max. leaf weight: 160 kg (window), 200 kg (door)
- max casement weight: ISO lig
- air tightness, class 4, EN 12207
- water resistance: class AE 1800, EN 12208
- wind load resistance: class C5/B5, EN 12210

DESCRIPTION

- windows certified by the Passive House Institute Darmstadt (applies to versions MB-104 Passive SI & MB-104 Passive Aero)
- excellent tightness- and thermal insulation performance that exceeds current regulations
- important glazing range, up to 81 mm
- "Euro" grooves in fittings enable installation of most of the available fittings, intended both for aluminium and plastic windows
- possibility to use typical or concealed hinges
- door leaf expansion profiles
- 95 mm-wide doorsill – frame and doorsill are equally wide

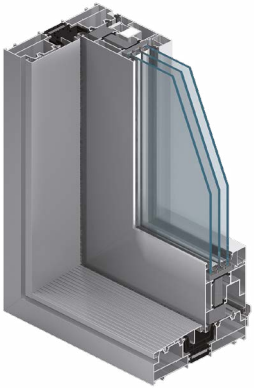
MB-86/MB-86B
window & door system

TECHNICAL SPECIFICATIONS
- frame and leaf/casement depth: from 77 mm to 86 mm
- high thermal insulation: **U_w from 0,72 W/(m²K)**
- glazing thickness: up to 67,5 mm
- air tightness, class 4, EN 12207:2001
- water resistance: class E 1500, EN 12208:2001
- wind load resistance: class C5, EN 12210:2001

DESCRIPTION
- wide range of profiles guarantees the desired aesthetics and resistance
- with its new shape, wide thermal breaks allow the use of an additional barrier in the profiles' insulation zone
- two-component, central gasket seals perfectly and thermally insulates the space between the leaf/casement and the frame
- glazing beads with additional sealing are available in three versions: Standard, Prestige and Style
- profiles' shapes are adapted to numerous multi-point locking systems, including concealed hinges
- a wide range of glazing allows the use of all common types of triple glazing, sound insulating or burglar-resistant units
- profiles' drainage functionality is available in two versions: traditional and concealed
- MB-86B has been awarded with certification ATG by the Belgian Research Institute UBAtc.

MB-77HS/MB-77HSB

lift-slide door system



TECHNICAL SPECIFICATIONS

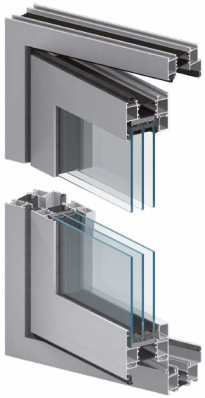
- mullion and transom depth: from 77 to 271 mm
- high thermal insulation: **U_w from 0,84 W/(m²K)**
- glazing thickness: up to 58,5 mm
- air tightness, class 4, EN 12207
- water resistance: class 9A, EN 12208
- wind load resistance: up to class C4, EN 12210

DESCRIPTION

- durable and slender profiles to enable fabrication of low-threshold doors, leaf weight of up to 400 kg, H=up to 3,2 m and W=up to 3,3 m
- frames are available in two versions: 2-rail and 3-rail
- can be corner-fitted 90° and 270° – once open, the door gives a great amount of space
- comfortable solutions with low threshold
- wide range of infills, with one-or two-chambered sets, as well as thermal breaks and additional accessories and insulation inserts to provide very good thermal and sound insulation performance
- glazing beads come in three versions: Standard, Prestige and Style
- "closed-shape" glazing beads and burglar-resistant details allow to obtain important burglar-resistant performance, this without having to make any significant changes to the door's structural elements
- unique glazing & end gaskets and appropriate hardware to provide excellent air tightness and water resistance performance
- MB-77HSB has been awarded with certification ATG by the Belgian Research Institute UBAtc.

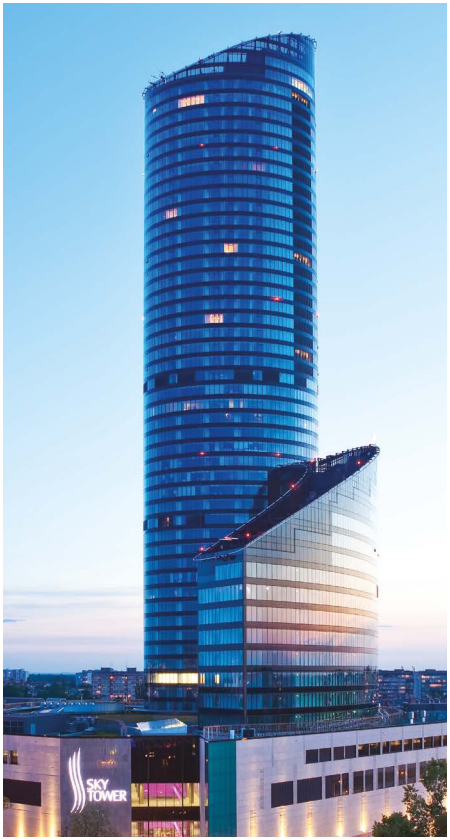
MB-86 FOLD LINE

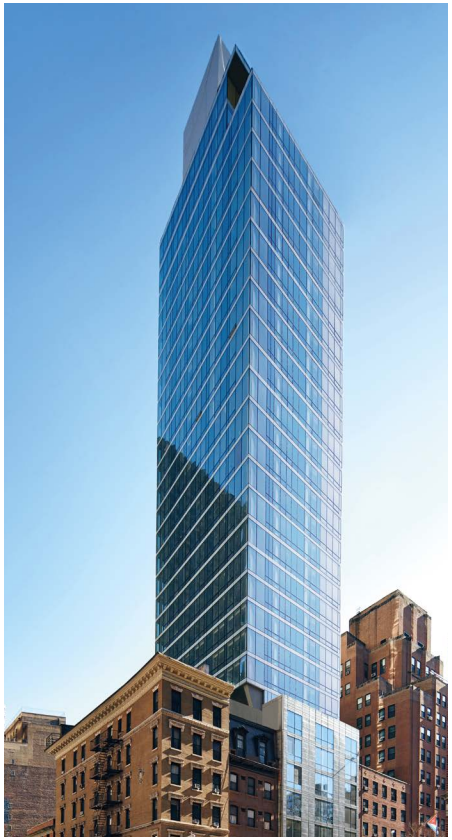
folding door



DESCRIPTION OF THE SYSTEM

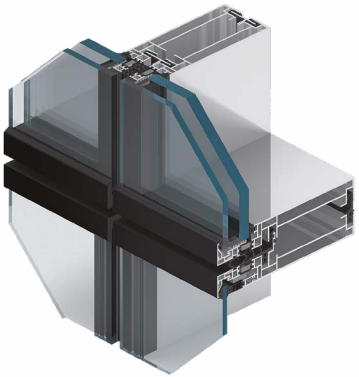
- three-chambered, resistant aluminium profiles of a structural depth of 86 mm for frames and 77 mm for door leaves
- central chamber of the profiles is equipped with 24 mm wide thermal breaks (frames) and 34 mm wide thermal breaks for door leaves providing excellent thermal insulation performance
- specialized, dedicated hardware for MB-86 FOLDLINE system ensures comfortable operation of the door leaves of a maximum weight of up to 100 kg
- large dimensions of the construction allow to fabricate doors with leaves of up to 2700 mm high and 1000 mm wide
- threshold solutions in different versions: classic, with edge sealing or convenient, with a low-level threshold
- large range of glazing from 14 to 61.5 mm allows to use double and triple glazing units, including specialized, more performant units in terms of sound insulation or burglary resistance
- important degree of compatibility of the MB-86 FOLD LINE system with the well-known and highly appreciated window & door system ALUPROF MB-86: profiles are jointed the same way, and some profiles, gaskets and accessories are common to both systems





MB-SE85 SG

unitised curtain wall system



CONSTRUCTION

- visible width of the façade's mullions and transoms is 85 mm
- the characteristic feature of this solution is that the glazing is fixed to the mullion using structural bonding, and to the transom – using a termination bar
- individually developed anchoring system – panels are attached to the reinforced concrete structure of the building's floors
- sealing system is also a strong point of this construction. It consists of multi-chambered gasket located between the mullions, gasket

DESCRIPTION OF THE SYSTEM

- unitised structural curtain wall system MB-SE85 SG was designed for the project SKY TOWER. This 212-m high building is the Poland's highest residential and commercial structure
- apart from fixed glazings, the building has specially designed top hung windows controlled by electrical actuators
- it allows to obtain the required façade's aesthetics, resistance and high technical parameters
- it enables swift installation of the façade's finished segments without the use of traditional scaffolding

MB-78EI
fire-rated system

TECHNICAL SPECIFICATIONS

- mullion and transom depth: from 78 mm
- high thermal insulation: **U_f from 1,6 W/(m²K)**
- glazing thickness: up to 84 mm
- air tightness, class 2, EN 12207:2001
- water resistance, class 5A, EN 12208:2001
- fire resistance rating
  fixed partition walls and single-acting doors: EI15, EI30, EI45, EI60, EI90, EN 13501-2
  sliding doors: EI30, EN 1634-1

DESCRIPTION

- single or double-acting doors, leaf height of up to 3000 m or automatic MB-78EI DPA-based sliding doors H=up to 2515 mm
- fixed walls and partitions with doors up to 4 m high
- use of oblique battens and bent profiles to build arch structures
- wide selection of accessories, including aesthetically looking roller guides
- silicone jointed glazed walls up to 3,6 m high

MB-80 OFFICE
partitioning systems

TECHNICAL SPECIFICATIONS

- different types of infill: panes 4-14 mm thick, furniture boards 16-18 mm thick, gypsum plasterboards
- possibility to fabricate 80 mm and 92 mm thick walls
- excellent sound insulation in office spaces - noise reduction of 50 dB, depending on the type of infill used
- free division of space, angle of refraction within the range 90°÷180°
- high rigidity of the profiles makes the construction fit to any interior space, for instance, a construction with 4 mm glass and 1,3 m post spacing can be up to 5,4 m high and up to 6,35 m if the posts are steel core-reinforced
- the MB-80 OFFICE system is also available as a "silicone-jointed" version, both for straight and angled connections.

DESCRIPTION

- depth & construction of the basic profiles enable installation of intra-pane louvers
- can be combined with a standard, 75 mm-thick gypsum plasterboards
- simple prefabrication & installation, direct on-site pre-fabrication in option
- cables inside the wall, installation of standard power sockets
- can be combined with MB-45 wall or (centrally or flushed with the plane of the wall) and with MB-45S door (flushed with the plane of the wall and with non-protruding hinges), and with MB-45 OFFICE door (with centrally-installed leaf, flushed with the plane of the wall, plus non-protruding hinges)

MB-EXPO
MB-EXPO MOBILE
partitioning systems

TECHNICAL SPECIFICATIONS

- invisible glazing gaskets
- light, elegant structure
- glazing 8,10,12 mm
- fixed profile depth regardless of the glass pane thickness
- structures up to 4 m high
- adapted to use numerous companies' hardware products: Aluprof, Geze

DESCRIPTION

- glass partition walling system intended for fabrication of various types of internal partition walls with all-glass doors
- soundproofs the selected zones, without visually limiting the interior space
- high-quality segment for parking and folding doors
- perfect for offices and shops, malls and exhibition centres
- easy prefabrication & installation
- rich colours

SKB STYROTERM

top-mounted systems

TECHNICAL SPECIFICATIONS

- dimensions of roller-boxes: 260 × 260 mm and 300 × 300 mm
- max. width: 4,1 m
- max. height: 4,7 m
- excellent thermal performances of the roller shutter box
  - U_{sb} from 0,29 W/(m²K) - IFT ROSENHEIM
- roller shutter curtain can be made of PVC profiles or polyurethane profiles filled with foam

DESCRIPTION

- can be used in newly constructed & refurbished buildings
- possible to use the mechanism of venetian blinds the shutter box
- excellent thermal performances of the roller shutter box made on Aluprof demand of high quality material
- installation is made directly to the window frame using an appropriate profile Aluprof profiles are compatible with the majority of window & door systems (aluminium, wooden & PVC joinery) available on the market
- system-based constructions can be integrated with insect screens to ensure an effective protection against insects
- it can be manually or electrically operated (modern range of transmitters & smart control panel are available)
- wide range of colours makes them a great decorative element that matches the appearance of the building

SAFETY PREMIUM

burglar-resistant roller shutters

TECHNICAL SPECIFICATIONS

- boxes dimensions: 180, 205, 230, 250 mm
- max. height: 4,4 m
- max. width: 2,8 m
- burglary-resistance certificate RC3
- roller shutter curtain can be made only of extruded alumnium profile PE55

DESCRIPTION

- reinforced channels prevent deflection and profiles from being pulling out
- patent-protected latch mechanism in the lower part of the roller shutter that prevents the curtain from being raised up
- reinforcement of the endslat – high rigidity and stability of the curtain
- resistant structure of the curtain prevents any impact-induced damage to the roller shutter
- controlling roller shutters only by means of an electric motor (the range includes modern remotes and intelligent control system)
- anti-burglary construction can be used in both adapting and under plaster systems

Aluprof's range also includes anti-burglary roller shutter system SAFETY PLUS in the RC2 class

SP/SP-E
flush-mounted systems

ZERTIFIZIERTE KOMPONENTE
Passivhaus Institut

TECHNICAL SPECIFICATIONS
- boxes dimensions: 137,165,180, 205 mm
- max. height: 4,4 m
- max. width: 5,9 m
- certified by Passive House Institute
- after plastering, the side of the box is invisible
- roller shutter curtain can be made of PVC profiles, extruded aluminium profiles or polyurethane alumnium profiles filled with foam

DESCRIPTION
- mainly designed for use in newly erected buildings, but also in existing ones, once the necessary changes to the lintel are made
- excellent thermal performance as they do not interfere with windows, doors or lintels (recommended by Passive Institut in Darmstadt to be use in passive houses)
- solid and durable construction
- can be equipped with an insect screen which provides effective protection against insects
- controlling roller shutters can be done manually or by means of an electric motor (the range includes modern remotes and intelligent control system)
- large selection of colours within the standard chart can meet the needs of the most demanding customers

SK/SKP/SKO

front - mounted systems

TECHNICAL SPECIFICATIONS

- boxes dimensions: 125 mm to 205 mm
- max. height: 4,4 m
- max. width: 4,4 m
- roller shutter boxes made of profiled aluminium bench or extruded alumnium
- roller shutter curtain can be made of PVC profiles, extruded aluminium profiles or polyurethane alumnium profiles filled with foam

DESCRIPTION

- intended for use in existing buildings as they do not interfere with the building, and do not require any special pre-installation preparation
- different shapes of roller shutter boxes are available, they can be installed to window frames (in the recess) or directly on the wall
- excellent thermal & sound insulation performance
- ability to use insect screen system, that additionally protects the interiors against insects
- controlling roller shutters can be done manually or by means of an electric motor (the range includes modern remotes and intelligent control system)
- large selection of colours within the standard chart (RAL and wood grain collours) that can be fitted aesthetically to window frames or facade of the building

BGR
garage door system

TECHNICAL SPECIFICATIONS

- boxes dimensions: 230, 250, 300 and 350 mm
- can be made in SK & SKO-P boxes and on electric-driven running console (rocker switch, keyfob)
- max. height: 5 m
- max. width: 7 m
- roller gate curtain can be made of extruded aluminium profiles or polyurethane alumnium profiles filled with foam

DESCRIPTION

- designed for use in newly erected and in existing buildings
- vertically-operating garage door is a good option when a driveway is short or where there is no driveway at all
- can combine profiles with glazing to let natural light flood in
- in accordance with the applicable standards, garage door comes equipped with a fall protection device. It can also be equipped with a set of photocells and with protection device so the user will not be trapped under the door
- garage doors are rolled automatically and they are equipped with manual drive, which allows to open and close your garage door in the event of a power failur
- electromagnetic brake drive with blocking hangers, effectively thwarting any attempt to raise the curtain
- wide range of colours

INSECT SCREEN SYSTEMS

TECHNICAL SPECIFICATIONS

- type of profile: extruded aluminium profile
- internal or external corners or adjustable internal corners
- max. width: 6 m
- max. height: 2,7 m
- can be installed on the outside of the window/door or on mobile rails
- available windows: wood, PVC, aluminium

DESCRIPTION

Aluprof offers an extensive range of insect screen systems:

- **Fixed insect screen (MRS and MRSZ)** – mounted on the outer side of the window frame is a perfect is solution in rooms where we need regular protection, such as bedroom, bathroom or child's room.
- **Hinged insect screen MR0** – designed to be mounted on balcony door
- **Sliding insect screen MRP** – mounted directly to the door frame or to the reveal, and used in large glass bays, balconies, terraces and winter gardens
- **Pleated insect screen MPH** – it is ideal for installation on patio doors and balcony niches. It takes up little space due to a special pleated mesh system that forms a folding fan while closing. It is also available as two-wing variant MPH DUAL with the possibility of making a corner insect screen without a post and as a vertical option MPH DUAL dedicated to install on alu, PVC or wood joinery
- **Roll-up insect screen MZN** – mounted directly to the window frame – can be opened and closed at any time
- **Roll-up mosquito net MZH** – mounted directly to the window frame or to the wall. Also, it can be attached to roof windows with special hooks

Grupa Kęty

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