



Press information, MTP, 5.11.2010

## FAIR NOVELTIES



WinDoor-tech



Fair is an excellent opportunity to learn about the latest products and technologies launched on the Polish market. The attention of traders, retail customers and media representatives, always present at the fair, is always focused on the novelties. Below there is a detailed list of new products submitted by companies participating in the upcoming edition of Budma, WinDoor-tech and CBS trade fair.

### GROUND WORKS

#### CONCRETE CANVAS

Revolutionary, easy-to-use material, ideal to protect embankments and slopes. Embankments reinforced with Concrete Canvas are resistant to water pressure, do not require frequent maintenance and costs of their preservation are much lower than the costs of removing flood damage.

PHU FAGOT TADEUSZ WIENCEK

Hall 2, stand 45

#### AquaPro 310

Rotary automatic dumpy level, quick self-levelling, vertical adjustment due to an adjustable foot, magnetically damped compensator with the range of 3.5°. It can be locked for protection against damage during transport, the accuracy 2mm/10m working modes: rotary and with manual receiver, range of the laser receiver up to 300m.

GEOMATIX

Hall 8A, stand 25

#### Flexible facade tiles IZOFLEX

ITB technical approval and the hygienic certificate. Thanks to its flexibility, the product is suitable for uneven facades, columns and arches. It is excellent for pedestals, perfectly imitates the brick. Thanks to low weight can be used at high altitudes. Frost-resistant and vapour permeable.

IZOTECHNIKA

Hall 3A, stand 62

#### Pallets for pre-cast elements from Goiriz concrete

Made from the coastal pine (*Pinus pinaster*) with a unique dual system of finger joints - so-called „dovetail” connection. This system allows for natural expansion and contraction of wood, six hydraulic holes located on the 2 mm galvanized profile, subjected to a process of immersion in order to protect against fungi and moisture.

MADERAS GOIRIZ S.L.

Hall 3, stand 63

### STRUCTURAL COMPONENTS, WALLS AND FACADES

#### Alufox Izomaster 4 A 4

The product resulting from permanent connection of two durable sheets of polystyrene and insulating mat Alufox, having two aluminium screens reflecting radiant heat. Mat is stucked in between the polystyrene so that the thinner product has better thermal insulation. 85% of the radiant heat is reflected. It prevents heat loss recorded by thermographic cameras in the buildings without aluminium screens.

ALUFOX

Hall 3, stand 79

### **CEILING FROM EXPANDED METAL**

Available in a wide range of colours, can be used for various construction systems. Used inside the rooms to cover all technical installations, such as air conditioning, ventilation, power supply, fire and alarm systems. Allow for easy access to the over-ceiling space.

*BARWA SYSTEM Sp. z o. o.*

Hall 3, stand 119

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### **System for installation of steel and concrete structures**

Offered in two versions with maximum load of 2 and 4 tons. Ideal for levelling large and heavy structural elements.

*FITBERG ROBERT TOMASZEWSKI*

Hall 5, stand 64

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### **DigiLevel Pro 120**

Digital electronic level with point laser as a visual extension supporting accurate determination of height and angle. Acoustic signal for 0°, 45°, 90°, 135° and 180°. Flip-display screen function automatically rotates the view on the screen during overhead measurements. Accuracy of electronic measurement: ± 0.05° at 0°-1°; ± 0.1° at 90°; ± 0.2° at 1° - 89°; spirit level accuracy ± 0.5 mm/m.

*GEOMATIX*

Hall 8A, stand 25

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### **ALUMINIUM GUTTI SOFFIT**

Manufactured from the finest aluminium coated in coil coating process, a large selection of colours. Innovation is based on using aluminium instead of unreliable, fading plastic or wood requiring burdensome maintenance. Thanks to aluminium properties all problems with corrosion, pests, colour instability, etc. disappear. Gutti aluminium soffit is resistant to corrosion, acid rain and salt fog.

*GUTTI POLSKA Sp. z o. o.*

Hall 7, stand 24

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### **Facade panels KRONOPLAN WOOD**

For use in public buildings to the height of 25m, residential and industrial buildings and garages. Intended use: building facades, filling balconies and other outdoor purposes; resistant to scratches, abrasion, shock and pressure, high and low temperature, light, flame (on request), easy-care, thickness: 6, 8 and 10mm, formats: 5580x2040mm, 2800x2040mm, 2800x1300mm, 3050x1300mm.

*KRONOSPAN HPL S*

Hall 3, stand 68

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### **Sandwich panels with polyurethane core PaNELTECH PW PUR and PW PIR**

Wall panels with a visible lock, wall panels with a hidden lock, cooling panels, roof panels.

*PANELTECH Sp. z o. o.*

Hall 8, stand 21

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### **Schiedel Bryza - Gravity vent**

For ventilation in residential buildings and industrial spaces.

*SCHIEDEL*

Hall 3, stand 45

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### **SEALECTION 500**

Lightweight foam spray for thermal and acoustic insulation of attics, walls, ceilings, partition walls, excellent adhesion directly to any surface and 120-fold increase in volume ensure levelling of thermal bridges and dew points, extremely effective and impenetrable form of insulation.

*POLSKA GRUPA IZOLACJI NATRYSKOWYCH Sp.k.*

Hall 8, stand 10

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### **Schiedel Fenko - Hybrid Outflow Cup**

Designed for proper ventilation of residential buildings. It is intended to ensure proper draft flow in ventilating ducts.

*SCHIEDEL*

Hall 3, stand 45

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### **Polytech Therm - plaster with enhanced thermal insulation**

Recommended for insulation of single-layer walls, hydrodiffusive, eliminates or greatly reduces thermal bridges. It provides very good thermal and acoustic insulation, good adhesion to the surface, high efficiency, reduces formation of scratches and cracks. Includes foamed polystyrene granulate.

*TECH SERVICE POLSKA Sp. z o. o.*

Hall 3, stand 90

### **ClaroGlass NEO glass blocks**

A new line of glass blocks with beautiful neon colours. They are the most attractive when lit with ultraviolet light used in discos, pubs or bowling alleys. They have a clear, neon colour around the periphery.

VITROSILICON SA

Hall 5, stand 74

## **CEILINGS, FLOORS**

### **SRG BLUE Screed grid**

Fibreglass grid used for screed reinforcement. Replaces the previously used metal mats, eliminating most of problems connected with them. The grid is easy to transport and storage, does not corrode, has high mechanical strength. Grid parameters: weight - 145 g/m<sup>2</sup>, mesh-4x4 cm, width - 100 cm, roll length - 50m.

AKE Sp. z .o.o.

Hall 3, stand 88

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### **TERIVA PLUS + ceiling**

Lower amount of concrete, lower ceiling weight, span up to 6.6 m as a single-span ceiling (elimination of joint shear reinforcement). Easier installation of the roof than in classic TERME, fast installation, lower cost, 100% guarantee of maintaining structural height of the ceiling. Teriva Plus + is part of the thermal insulating system of ceilings "Konbet Thermo System."

KONBET

Hall 3, stand 104

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### **TERIVA LIGHT - "blocks" of foamed polystyrene**

The lightest beam and block floor on the market (about 170 kg/m<sup>2</sup>), the highest thermal insulation, easy and quick installation, lower labour costs, lower investment costs. Teriva LIGHT is part of the thermal insulating system of ceilings "Konbet Thermo System."

KONBET

Hall 3, stand 104

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### **RECTOLIGHT beam and block floor**

Alternative to standard concrete hollow block, modern and ultra-light inter-beam filling (AT-15-8315/2010; IT-B-0415/Z certificate) made of pressed wood for beam and block system shortens the installation time by half and reduces transportation costs.

RECTOR POLSKA Sp. z o.o.

Hall 3, stand 25

## **WOOD JOINERY**

### **VOLTA**

A modern system of Quinta sliding doors by Barausse. The door mounted to the ceiling, using two aluminium sliding tracks for movement of two out of four door wings. Double glazing - clear with modern decors with black rims - fully faced with the wing section.

BARAUSSE POLSKA

Hall 3A, stand 12

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### **VANILLA ON**

Full door made of bleached brushed oak and Real Wood certified. Part of a unique collection of brushed Barausse, at an affordable price corresponding to the product quality. Innovative processing of the wing and frame reveals the natural graining. Showing natural graining of wood is a specific craft work.

BARAUSSE POLSKA

Hall 3A, stand 12

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### **Cocoa RIV-BS**

Door leaf made up of separate panels lined with natural leather with visible stitching. Profiles of door leaf and casing masking band are made of oak wood tinted in cocoa, extra brushed and Real Wood certified. Side of the door leaf can have various shades of leather (beige or dark brown).

BARAUSSE POLSKA

Hall 3A, stand 12

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### **PALLADIO**

The essence of the classics. White, lacquered door with gilded bands available in different colours. Made in non-rebated technology.

BARAUSSE POLSKA

Hall 3A, stand 12

## **NODO**

A model designed by Massimo Iosa Ghini. Doors in brushed oak tinted in Brandy and Cacao colours. Both finishing variants are Real Wood certified. Collection includes a version with hidden hinges. Waving pattern on the door leaf surface reflects a natural soul of wood. Neighbouring lines made by woodcarving technique, subtly spread to a frame surface faced with the door leaf.

*BARAUSSE POLSKA*

Hall 3A, stand 12

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## **BRUSHED VENEERS**

Veneers obtained by a unique technique of brushing the wood, exposing aesthetic qualities of this unique material. Used in all models of the new Barausse collections, ranging from full to glazed models. Available brushed veneers: Cacao oak, Brandy oak, Vanilla oak, Miele oak, varnished ash.

*BARAUSSE POLSKA*

Hall 3A, stand 12

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## **Steel doors OPTIMA class**

Leaf thickness - 60mm, frame - laminated in leaf colour, new patterns of embossment and glazing (laminated frame), filling - high density foamed polystyrene of the leaf colour, better thermal and acoustic insulation.

*BORYSZEW ERG S.A.*

Hall 3A, stand 24

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## **AUTOLINE**

Electric curtain rail system. Features: reliability, modern design, wireless technology service, compatibility with automation systems, integrated power supply, possibility of manual control, Touch-Motion function (operation without buttons), easy installation (plug&use), 10 speed levels.

*PPHU DORMAX DOROTA PAWŁOWSKA*

Hall 5, stand 68

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## **FTP-V P2 Secure**

Window equipped with solutions that would significantly limit the possibility of burglary. It has a laminated and burglar-proof glass of P2A class, system of window construction reinforcement TopSafe, the new system preventing glazing removal and a handle with a lock.

*FAKRO Sp. z o.o.*

Hall 5, stand 55

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## **FTT U8 Thermo**

The innovative design of the FTT Thermo window uses super energy-efficient U8 glazing, embedded in a specially designed thicker sash frame. The window also has a quadruple sealing system and an innovative way of locking. FTT Thermo U8 window with a coefficient of 0.68 W/m<sup>2</sup>K the most energy-efficient skylight on the market.

*FAKRO Sp. z o.o.*

Hall 5, stand 55

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## **A system for mounting doors, windows and wall panels**

A set of three types of pads and mounting wedges facilitating easy, cost-effective and accurate distancing and stabilization of windows and doors in the wall.

*FITBERG ROBERT TOMASZEWSKI*

Hall 5, stand 64

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## **PASSION 4**

Originality of the Passion 4 window is based on the combination of PVC material and the outer aluminium pad and an electrically controlled shutter integrated with the window and located between the panes. Thanks to it Passion 4 provides protection against heat, sound, sun and ensures privacy. Modern design is realized by placing the window sash and frame within one plane.

*INTERNORM*

Hall 5, stand 73

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## **FUSION**

Window Fusion is based on joining three materials: wood, thermal foam and an outer aluminium pad. It is equipped with three seals, hidden ferrules and hidden drains. A completely new sash design features sharp and angular forms, providing the Fusion window with a unique aesthetic advantage.

*INTERNORM*

Hall 5, stand 73

### **WINDOW SCANTLING**

A wide selection of window scantling made of exotic (red meranti, white seraya, eucalyptus, etc.) and European species (pine, oak). In addition to standard profiles 72x86, 72x115 and 72x145, the constant offer includes profiles for energy-efficient windows 82x86, 82x115 and 82x145. It is systematically extended with new species and profiles, meeting customer expectations and market requirements.

*JAF POLSKA Sp. z o.o.*

Hall 6A, stand 16

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### **STARLITE ROOF WINDOWS WITH A BLIND INSIDE AN INSULATED GLASS**

A blind permanently installed in the wooden StarLite windows is located within insulated glass with a coefficient  $U = 1.0 \text{ W/m}^2\text{K}$ . It does not require cleaning and maintenance. Operated by means of a magnetic holder, electrical operation also available (24V). It can be installed in all window types: CP, TH, FE, CW and WF, in every size (unavailable with Thermo-Plus glass). The first and only offer on the market of roof windows with a blind inside the glazing.

*KEYLITE RW POLSKA*

Hall 5, stand 20

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### **EXTRA pocket**

Modern pocket enabling hiding the door in the wall and forming an integral part of it. Features: flexible wall thickness of 100 and 125 mm, high rigidity provided by special reinforced profiles, thermoacoustics ensured by insulation boards installed inside, easy to set the wing in the pocket by adjusting the position and clamp of a stopper, a special aluminium frame allowing for various finishings of the pocket and installation of a self-closing mechanism.

*LEON SJ WITAS I MITAS*

Hall 3A, stand 4

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### **DOORWALL Aluminium frame**

Invisible frame for door facing the wall, door leaf can be finished in the colour of the wall. Frame profiles provide high rigidity, resistance to moisture and safe assembly of 3D adjustable hinges, without protective pockets. The frame visually enlarges the interior.

*LEON SJ WITAS I MITAS*

Hall 3A, stand 4

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### **CARLA V Aluminium frame**

Modern, very delicate aluminium frame, designed in accordance with modern trends in interior design. Complemented by the glass leaf it emphasizes a modern, quiet character of the interior.

*LEON SJ WITAS I MITAS*

Hall 3A, stand 4

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### **Height escape window NOVO PVCBH**

For heated lofts, sash opening angle  $180^\circ$ , size 55x78 cm, hardened and self-cleaning external glass SGG BIOCLEAR, multi-chamber frame and sash, lead-free white PVC profiles, reinforced with metal sections, for roof pitches from  $20^\circ$  to  $90^\circ$ .

*OKPOL Sp. z o.o.*

Hall 5, stand 65

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### **Tilt-sliding window PERFECT PLUS PVCBH**

The latest category of windows: energy-saving -  $U_{\text{window}} = 0.78 \text{ [W/m}^2\text{k]}$ , lead-free PVC profile, toughened and self-cleaning external glass SGG BIOCLEAR. Three functions in one window: convenient access to the window, safe escape, safe rotation of the sash for cleaning. For roofs with pitches of  $20^\circ$  to  $55^\circ$ .

*OKPOL Sp. z o.o.*

Hall 5, stand 65

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### **NOVOBH High-axis escape window**

For heated lofts, sash opening angle  $180^\circ$ , size 55x78 cm. Hardened and self-cleaning external glass SGG BIOCLEAR, frame and sash - glued pine wood secured with impregnating agent, varnished, for roofs with pitches of  $20^\circ$  to  $90^\circ$ .

*OKPOL Sp. z o.o.*

Hall 5, stand 65

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### **MAGMA Fire doors**

Steel fire doors with fire resistance EI60. Made of two zinc-plated steel plates 55mm thick. Internal door filled with a specially chosen mineral wool providing thermal insulation and fireproofing qualities of the product. The product is certified for Europe.

*PORTRISA POLSKA Sp. z o.o.*

Hall 3A, stand 28

### **OMEGA-LUX and OMEGA-LUX External roller blind with mosquito screen**

External roller blind with round-shaped aluminium box.

„PORTOS” RENATA, TOMASZ SZUKALSCY

*Spółka Jawna*

Hall 5, stand 81

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### **AmStyle sliding walls**

Allow easy and innovative changes of the interior design. Asterix and Obelix profiles are intended for boards 10mm thick, i.e. laminate, MDF and OSB. These fillings can be a base or carrier for decorations such as wallpaper. An innovation is based on the possibility of painting both profiles and boards and achieving an effect of sliding walls.

SEVROLL

Hall 3A, stand 1

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### **SYSTEM OF ADAPTERS AND REGULATORS FOR EXTRACTION HOSES**

Quick and efficient assembly of extraction hoses with adapters and bridge hose clamps. Various shapes of adapters available: straight joints, reducers, angle joints, three-way adapters. It allows for construction of new installation and modernization of the old one. Made of galvanized sheet 0.5mm thick. Range of diameters: 80 to 500mm. The adapters have practical applications in the ventilation systems, vapour and dust extractors, ventilators, granulate transfer, etc.

TUBES INTERNATIONAL Sp. z o.o.

Hall 3, stand 48

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### **Composite rebate entrance doors**

First rebate composite entrance doors on Polish market produced in standard Polish sizes - fitted with double system of seals. Technical parameters: UW 1.2 Wm/K Wide selection of models and stained glass glazing. Wide colour palette.

P.W. VIKKING TEAM sp. z o.o.

Hall 3A, stand 23A

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### **System of composite entrance doors with PVC frame**

Technology or production of entrance doors based on the chamber PVC frames and fusion with the self-supporting composite leaves. Full RAL colour palette and 8 wood-like decors.

P.W. VIKKING TEAM sp. z o.o.

Hall 3A, stand 23A

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## **GATES AND FENCES**

### **ALFEN Fencing system**

The patented system of connecting elements (Click & Go) offers a new quality aluminium fences. Packed in small and aesthetic boxes, easy installation.

PP TRANS MAREK GODAWSKI

Hall 4, stand 11

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## **LIFTS, ESCALATORS, MOVING WALKWAYS, RAILINGS**

### **KALWARIA Booth**

Innovative combination of wood-like varnishing technology with the production of booths. The product is highly aesthetic, resistant to damage and has a wide selection of surface finishes at a competitive price.

ABC COLOREX Sp. z o.o.

Hall 5, stand 2A

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## **ROOFS**

### **NIAGARA titanium-zinc gutter system**

Exceptional depth and easy installation (connection with gutter joints with pads without additional sealing.) More resistant to corrosion thanks to the material it was made of, zinc with admixture of titanium is spontaneously covered with patina during operation that provides a protective layer for over 80-120 years. Uniformity of material eliminates the risk of damage during assembly, which should be then removed.

BLACHY PRUSZYŃSKI

Hall 8, stand 13

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### **A system for assembling and repairing roofs**

Developed in cooperation with Danish roofers. Facilitates easy and cheap levelling of battens and counter-battens in one plane.

FITBERG ROBERT TOMASZEWSKI

Hall 5, stand 64

### **LoftGuard Blown-in granulated wool**

New generation of naturally white granulated mineral wool, produced without formaldehyde and binding agents, soft touch, clean glass fibre, highest quality,  $\lambda D = 0.039 \text{ W/mK}$  for  $14.50\text{kg/m}^3$  density in loose form,  $\lambda D = 0.034 \text{ W/mK}$  for  $19.00\text{kg/m}^3$  density in loose form.

*GUARDIAN FIBERGLASS*

Hall 3, stand 122

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### **GUTTI CLASSIC K 300 ALUGUTTER**

Profile with traditional semicircular cross section, designed specifically for the Polish market. Effective water drainage also from medium and large roofs. Due to the lack of connections slowing water flow (innovation) and specific structure of aluminium coated in coil coating process, profile performance in rainwater discharge is higher than for a comparable semicircular gutter with a diameter of 150 mm. Is an ideal replacement for traditional steel gutters, fully resistant to corrosion, acid rain and salt fog.

*GUTTI POLSKA SP. Z O.O.*

Hall 7, stand 24

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### **GAMRAT UV + Soffit**

This product is intended to build up roof eaves outside directly exposed to harmful UV radiation. Novelty involves equipping the traditional soffit with additional invisible protective layer. Available colours of UV + soffit: dark brown, charcoal grey, brown and brick red.

*ZAKŁADY TWORZYW SZTUCZNYCH GAMRAT S.A.*

Hall 7, stand 25

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## **ROOFING EQUIPMENT**

### **D08 Alligator Shears**

Universal alligator shears with blades with fine teeth. Their characteristic feature is shifting down of the axis linking the jaws, which protects hands against injuries caused by metal. A narrow ledge enables cutting along a very low arch, which makes the shears useful for creating roof ornaments, cutting holes and formation of metal sheet. Cutting range for steel sheet: up to 1.8 mm, stainless steel: up to 1.2 mm. There are two cutting options depending on the type of shears: right - right-handed curves, left - left-handed curves.

*DEKARZE.PL*

Hall 7, stand 17

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### **Trestle for a flat roof**

Rail support for a flat roof can also be used to support the rails inside the building, on a terrace or a balcony. It enables safe unloading or loading a platform, away from the edge of the building, and protects the track against breaking. Ideal in places where it is necessary to transport goods used on flat surfaces, such as rolls of asphalt roofing.

*DEKARZE.PL*

Hall 7, stand 17

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### **WUKO Sprinter Wave generator**

The new version equipped with a two-component handles and new electronics. Used for closing flat and curved surfaces with single or double standing seam. The machine works in both directions with adjustable pressure. Special forming rollers are used for bending various types of metal sheets without damaging them. Minimum bending radius: 0.6 m. Maximum thickness of steel, aluminium, copper and titanium-zinc sheet: 0.8 mm, stainless steel: 0.5 mm. Two operational speeds of the machine: 7 or 12 m/min.

*DEKARZE.PL*

Hall 7, stand 17

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## **CONSTRUCTION CHEMICALS**

### **FarbaMix**

Dispersion acrylic paint perfect for mixing with PigmentMix pigments. Easy application, efficient and durable. FarbaMix paint is perfect for decorative wall painting.

*INCHEM POLONIA*

Hall 3A, stand 83

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### **Farbrance**

Fragrant novelty. Each of six fragrant compositions blends well with all types of water-based paints. Adding the product to the paint does not change its colour or properties and a small amount makes the painted room smell nicely.

*INCHEM POLONIA*

Hall 3A, stand 83

**GruntMix**

Emulsion for grounding concrete, cement, and plaster surfaces for adhesive and levelling products. Ideal for floor heating system. It penetrates the grounded surface, reinforces it and eliminates its absorbency. Perfect for use inside and outside the building.

*INCHEM POLONIA*

Hall 3A, stand 83

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**Nokaut**

Excellent anti-fungal product for fighting moulds and household fungi. Does not react with the painted surface. Removes mildew, fungi and algae from the walls, brickworks, plaster, paint, concrete, glass, tiles, eternit and tombstones. Does not discolour the surface. Can be used inside and outside the building.

*INCHEM POLONIA*

Hall 3A, stand 83

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**ISO-BLOCO One**

Multifunctional material for sealing joints. It works on three levels meeting the requirements of the RAL Act on window installation. 100% air-tight ( $a = 0.00 \text{ m}^3/[\text{hm}(\text{daPa})\text{n}]$ ), suppresses the heat flow up to the U-value of  $0.6 \text{ W}/(\text{m}^2\text{K})$ , water-proof up to 1,000 Pa. Approved by the Institute for Window Technology, Rosenheim

*ISO-CHEMIE GmbH*

Hall 3A, stand 84

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**Acrylic Resin Acrylic One**

A new type of acrylic resin has a much better physical properties compared to conventional plaster products. After curing it has a hardness of a building material class B1. Its main advantages: low setting temperature (max. 40°C), no shrinkage, environmentally friendly, flash resistant, resistant to UV radiation, can be painted, varnished, machined, water-proof after preservation, allows for the use of any mineral fillers, enables production of laminates and thin but durable panels.

*KAUPOSIL*

Hall 3, stand 52

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**FOLIT**

Liquid film used for water insulation in high humidity areas (bathroom, showers, toilets, kitchens).

*KOSBUD*

Hall 3A, stand 86

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**HYDROLIT**

Flexible two-component waterproofing mortar intended for making outdoor waterproof insulation (patios, balconies, foundations, basements).

*KOSBUD*

Hall 3A, stand 86

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**TERMOLEP**

High quality adhesive mortars under a common name TERMOLEP intended for fixing foamed polystyrene boards, insulation boards made of mineral wool, ceramic tiles, terracotta tiles, gres and stone.

*KOSBUD*

Hall 3A, stand 86

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**ACRYLIT**

Acrylic, silicone and silicate plasters under a common name ACRYLIT, with KOSBUDPROTECT antimicrobial protection in a standard version. All plastering mixes have specially developed formula to prevent the growth of fungi and algae.

*KOSBUD*

Hall 3A, stand 86

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**PAINTS**

Paints for interiors (acrylic, latex), as well as external facades (acrylic, silicone, silicate). Made from the best components, easy to apply, effective cover, long life of catalogue colour.

*KOSBUD*

Hall 3A, stand 86

### **Special primer Teknos GORI 644 Larch Wood Primer**

Water based two-component primer. Application method: flow coat, dip or spray, enables to achieve even and smooth coating of the larch wood. The recipe has been specially adapted to the specific properties of larch wood, ensuring its smooth machining. White and colourless version. Does not contain isocyanate, the product is not classified as hazardous and can be used in accordance with normal safety procedures.

*TEKNOS*

Hall 5, stand 54

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### **Polyurethane injection resin WEBAC 1660**

First polyurethane injection resin on the Polish market with mechanical properties comparable or better than the stress carrying epoxy injection resins. A two component, fast cross-linking agent for use in dry and wet conditions. Compression/bending strength of 65/85 MPa.

*WEBAC Sp. z o.o.*

Hall 3A, stand 76

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## **FLOORS**

### **Levelling system for installation of floors and landings**

Allows for installation of floors based on the joists, up to a height of 30cm. It is easy to use, lightweight, inexpensive, resistant to moisture and temperature. Absorbs vibrations.

*FITBERG ROBERT TOMASZEWSKI*

Hall 5, stand 64

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### **SuperCross-Laser 2**

Two-beam laser for interior finishing works. Self-levelling due to a compensator with a range of 4.5°. Magnetically dampened compensator can be locked for transport to protect against damage. Accuracy 5mm / 10m. Additional slope mode feature enables designing slopes. The device has wall bracket with height adjustment and can be mounted on a tripod or attached directly to the wall.

*GEOMATIX*

Hall 8A, stand 25

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### **Portable sports flooring for rent Action Panel Nitro FC**

A portable sports flooring FIBA-certified. It can be mounted outdoors. Special construction of the floor provides quick assembly and disassembly and excellent cushioning. The floor can be also used for dance competitions, theatre performances, concerts, etc.

*KOPP – PODŁOGI NATURALNIE DOSKONAŁE*

Hall 6a, stand 62

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### **Floor board for floor heating**

Up to 9m long without joints, width 16-35 cm, thickness 2cm, domestic or exotic wood, finish: paint, oil, oil colouring, brushing or verdigris (antique effect). Possibility of multiple scraping, combining with stone or tiles, installation on floor heating (confirmed by tests).

*STANISŁAW MARCHEWKA – „MARCHEWKA”*

Hall 3A, stand 42

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### **Flexible homogeneous lining**

#### **CENTRA 43**

Pressed lining produced in sheets. Protected with polyurethane PUR. Resistant to microorganisms. It has a non-directional pattern. It is able to static charge dissipation. Can be used on the premises constantly used by people, residential buildings of high intensity of use, in public buildings with very high traffic volume, in buildings intensively used by light industry and in the areas requiring protection against static electricity.

*ZAKŁADY TWORZYW SZTUCZNYCH GAMRAT S.A.*

Hall 7, stand 25

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## **BATHROOM CERAMICS**

### **ClaroShower - a system of shower cubicles of glass blocks**

Unique on the market, a complete system for quick and easy installation of shower cubicles made of glass blocks. It has many advantages and functional solutions, such as adjustment system compensating uneven walls, a system of raising and lowering the door, thus when the door close they remove water from the bathroom.

*VITROSILICON SA*

Hall 5, stand 74

## ELEMENTS OF STREET FURNITURE

### **PYLON ROYAL**

A combination of a pylon and a billboard. For companies that opt for the prestige of the product, company, showroom or headquarters. It offers a competitive edge, winning the attention of present and potential customers. It is admirable and memorable thus fixing the brand in customers' minds.

*GRAFFICO*

Hall 3, stand 4

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### **PXM TYPE BENCH**

High functionality, high durability and resistance to weather conditions and vandalism, simple and functional way of secure fixing, ergonomic and modern design, perfect angle between backrest and seat, repeating pattern, possibility of adjusting dimensions to individual customer needs.

*Polimex-Mostostal S.A.*

*ZAKŁAD KRAT POMOSTOWYCH*

Hall 8, stand 14

## SURFACES

### **STONE SYSTEM**

Method for decorating all internal and external surfaces, horizontal and vertical, allowing to achieve an effect of natural stone, paving stone, sandstone, travertine, brick, wood, etc., by impressing various forms in concrete or special masses.

*P.W. BRAMET KRZYSZTOF WALKOWIAK*

Hall 3, stand 70

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### **QUADRUN310**

Fully automatic laser rotating leveller with an additional red laser plummet. Self-levelling range of 5°, accuracy 1 mm/10 m. Laser modes: spot, scanning, rotating and with manual receiver. Remote control of all functions. Optional SensoLite 310 - range of the laser receiver up to 300 m. Optional SensoMaster 400 - range of the laser receiver over 300 m.

*GEOMATIX*

Hall 8A, stand 25

## ARRANGEMENT SYSTEMS

### **High-volume rounded columns**

Wooden products 600 mm in diameter. Maximum length of a single uniform column is 4000 mm, height of sectional columns made according to the order. Available finishing options include also a wood aging treatment. Rounded columns are used as supports for mezzanines, stair structural components, decorative interior architecture, pillars for fireplaces, kitchens, bar counters etc.

*GAL-DREW 1*

Hall 3A, stand 29

## BUILDING MANAGEMENT SYSTEMS

### **Animeo**

Intelligent management systems for sunscreen shields (blinds, shutters, awnings, etc.) providing comfort to building occupants, reducing costs of the building construction, reducing energy consumption during operation and protecting the shields. Autonomous systems or integrated with KNX / EIB, LON.

*SOMFY Sp. z o.o.*

Hall 5, stand 31

## BUILDING TOOLS

### **Diamond Saw POWERSTAR**

Diamond saw POWERSTAR equipped with guides with cutting length of 70 cm and a new diamond chains DIACUT 0.404", solid tool for the toughest applications. Possibility of connecting a single phase inverter (obtained power 3.6 kW) or three-phase inverter (obtained power 8.0 kW for a lightweight saw of about 8kg). The same drive can be used for diamond wheels (cuts to a depth of 17cm) diamond rings (cuts to a depth of 30cm) and core drill bits with a diameter up to 500mm.

*PRINZ POLSKA*

Hall 2, stand 4

#### **Abrasive discs on nonwoven fabric**

Used for processing of large surface areas made of plasterboard, plaster, particularly where there is heavy dusting. Nonwoven fabric is used for filtering and removing dust resulting from work, it is fixed to a tool by means of Velcro strip. Available diameters:  $\Phi 225\text{mm}$ ,  $\Phi 125\text{mm}$ ,  $\Phi 115\text{mm}$ ,  $\Phi 150\text{mm}$ , granulation: 60, 80, 100, 120, 150, 180, 220.

ZAPAN S.C. PANASIUK KRZYSZTOF, ZAPALA PIOTR

Hall 3A, stand 68

### **AUXILIARY BUILDING EQUIPMENT**

#### **Connecting two hoses for concrete**

made of carbon steel and designed for pressure of 80bar. Adjustable clamp. The clamp consists of a seal made of NBR rubber and a split pin.

TUBES INTERNATIONAL Sp. z o.o.

Hall 3, stand 48

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#### **Concrete hose cleaning balls**

Range of diameters: 60 to 175 mm. These balls should be used each time after finishing work to avoid premature damage to the hose.

TUBES INTERNATIONAL Sp. z o.o.

Hall 3, stand 48

### **CONSTRUCTION SITE EQUIPMENT**

#### **Automatic levelling instrument**

##### **AL26 Classic**

Clear optics, magnetic damping of a compensator, 26-fold magnification. Accuracy 1.5 mm per km of double levelling, 400 gon per request. Thanks to the possibility of rectification of both strands of the cross the instrument is easily calibrated. Transport protective measures. The set includes: levelling instrument AL 26 Classic, lightweight tripod 165 cm high with ball-shaped head, levelling patch 5m.

GEOMATIX

Hall 8A, stand 25

### **CONSTRUCTION MACHINES**

#### **DualAxis Laser 400 S**

Dual-Axis laser levelling instrument of an exceptionally robust construction used in civil construction. Self-levelling range of 5°, accuracy 0.5mm/10m. Electronic levels and thermally stabilized servomotors for automatic levelling. Operating modes: rotary and with manual receiver. High rotational speed 1100 rpm, small telescope attached to the device facilitates the levelling. Large backlit LCD screen. All functions remotely controlled by means of Commander DAL remote. The range with the laser receiver - up to 300 m.

GEOMATIX

Hall 8A, stand 25

### **DESIGN AND IT**

#### **PDF Kosztorys (Cost estimate)**

Converter of rough cost estimates from PDF files to Construction Cost Estimate Standard. The conversion result is generated in Excel or XML formats, which can be read by most cost estimate systems available on the market. The converter is designed for cost estimators, contractors, investors and designers.

DATACOMP Sp. z o.o.

Hall 15B, stand 19

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#### **ArCADia-SYSTEM**

System for object generating of professional technical documentation, and also comprehensive building database, on the basis of BIM (Building Information Modelling) technology. System includes basic and sector modules. It enables communication and full data exchange between sectors, integrates the project and eliminates incidence of installation collisions.

INTERSOFT

Hall 15B, stand 15

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#### **ArCADia-TERMO**

Software for comprehensive thermal calculations and energetic characteristics. Enables preparation of energy certificates, energy and repair audits. Co-operates with ArCADia-SYSTEM, AutoCAD and IntelliCAD. Novelty – calculation modules: Ecological Effect, Economic Effect and Heater Selection.

INTERSOFT

Hall 15B, stand 15

**Konstruktor**

Modular application for statics calculations and building structures dimensioning. Novelty: statics and dimensioning according to Eurocodes in modules: Eurocode PN-EN Loads (live, dead, wind, snow), Eurocode PN-EN Reinforced concrete beam (two-row reinforcement), Eurocode PN-EN Reinforced concrete pillar, Eurocode PN-EN Steel beam.

*INTERSOFT*

Hall 15B, stand 15

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**R3D3-Rama 3D (3D Frame)**

Statics and two- and three-dimensional beam structures dimensioning (steel, wood, reinforced concrete) according to Polish Standards (PN) and Eurocodes. Novelty: variable cross-sections, generating and calculating roof structures imported from ArCADia-SYSTEM, beam lengthening, model verification, two-row reinforcement, and new wood classes.

*INTERSOFT*

Hall 15B, stand 15

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**ArCADia- FIBRE-OPTIC NETWORKS**

Software for creating professional documentation for object designing of external fibre-optic networks in any configuration, split into chosen components. Programme makes calculations, generates calculation reports, material specifications and cable run diagrams.

*INTERSOFT*

Hall 15B, stand 15

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**ZWCAD 2011 Programme**

The latest version of popular software for computer aided designing. Speed and stability were improved in 2011 edition. Many options and tools were also added, which make this programme even more user friendly.

*USŁUGI INFORMATYCZNE „SZANSA”*

*GABRIELA CISZYŃSKA-MATUSZEK*

Hall 15B, stand 47

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**ZW3D Programme**

There are 3 versions of this application: Standard, Professional and Premium. The software offers complex CAD/CAM solutions, making 3D designing even more effective. It offers tools that make designing of both single details and advanced assemblies easy.

*USŁUGI INFORMATYCZNE „SZANSA”*

*GABRIELA CISZYŃSKA-MATUSZEK*

Hall 15B, stand 47

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**CBS****AQUATRAINER FX**

Aquatrainier Fx is probably the first self-cleaning Swim Spa in the world. Swimming pool with backward current features bottom filtering system, which removes impurities from the pool bottom. Aquatrainier FX is as long as 5.6 m and 1.35 m deep, which increased the swimming space and at the same time it was possible to place even 4 seats with professional hydro massage.

*HYDROPOOL*

Hall 6, stand 19

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**SPEEDrubber Puzzle safe surface**

Modern and safe module surface, designed for playgrounds (including “Radosna Szkoła” – Cheerful School programme), where the key features are short installation time and high safety parameters. SPEEDrubber Puzzle means quick installation, attractive look, vivid colours and safety.

*SPEED SPORT SERVICE Sp. z o.o.*

Hall 6A, stand 101

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**EPDM Deep Orange and Sapphire Blue Granules**

UNIRUBBER's EPDM Deep Orange and Sapphire Blue granules are products of high quality and incredibly durable colours. The products are particularly weather-resistant and that's why the colours last for much longer. Both products are designed for surfaces at playgrounds under the government program “Radosna Szkoła” (Cheerful School).

*UNIRUBBER Sp. z o.o.,*

Hall 6A, stand 106

### **SPORTSTADA Portable playing field for children**

Colourful, portable playing field for children gives lots of fun and inspires to exercise. The structure is based on 14 polyethylene panels and is quick and easy to assembly. Surface area is 50m<sup>2</sup>. Designed for use both indoors and outdoors.

*NM GROUP Sp. z o.o.*

Hall 6A, stand 71

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### **CONIPUR TENNIS® FORCE tennis surface**

Professional tennis surface based on components manufactured by the well known Swiss company - CONICA Technik. This surface has the same properties as a clay court. Conipur® Tennis Force is official surface at WTA Porsche Grand Prix tournament in Stuttgart.

*ACTIV SPORT*

Hall 6A, stand 85

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### **Ricco Export**

The latest generation of grass for ball games, with better density and flexibility parameters and with so called core in-built in the fibres. This innovative solution increases durability and keeps grass in the upright position, which perfectly imitates natural surfaces. Designed for very intense, professional utilisation.

*RICCO POLSKA Sp. z o.o.*

Hall 6A, stand 74

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### **Ricco Premium**

Unique, 4th generation decorative grass, does not require infill, made of two types of fibres – straight and twisted. Designed for recreational and landscaping purposes (terraces, balconies, gardens). It is an ideal imitation of trimmed lawn and therefore brings harmony to the landscape.

*RICCO POLSKA Sp. z o.o.*

Hall 6A, stand 74

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### **Ricconet Blue**

Innovative blue tennis grass, recommended by USTA, increased visibility of the ball on the court. Designed for both professional games and recreation, may be used on open or closed courts. Ensures excellent absorption, optimal return and maximum safety for players.

*RICCO POLSKA Sp. z o.o.*

Hall 6A, stand 74

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### **VARIOPOOL REMOVABLE BOTTOM**

Variopool removable bottom allows for changing water depth in the pool, anytime during the day, depending on the needs. It also allows for conducting various activities in the pool at the same time and therefore makes its utilisation more efficient. The device is a floating structure which uses natural water displacement.

*VARIOPOOL Sp. z o.o.*

Hall 6, stand 13

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### **plashpad - WATER PLAYGROUND**

Dynamic water playground provides fun, refreshment and relaxation for the whole family. This fully automatic solution uses various water effects, delivering safe and attractive recreation. Ideal for municipal parks, hotels, water parks and sports facilities.

*ARRAS B / VORTEX*

Hall 6, stand 3 and 23

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### **UV sterilizer - AP-POOL series**

This one device combines the best features of amalgamative and medium pressure devices. The application of radiator with frequency of 185 and 254 nanometres was a breakthrough. The main characteristic of this solution is considerably increased efficiency in chloramine removal.

*KOMPLEKS Sp. z o.o.*

Hall 6, stand 4

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### **PRO-FLOOR Surface and temporary roads protection system**

Portable, durable, light and easy to install PRO-EF system is the best solution for protection of natural or artificial grass, soil or ice. PRO-TRACK portable roads protect surface from heavy loads, enabling using this system for transportation of trucks, machines and devices – without the need for surface preparation.

*NM GROUP Sp. z o.o.*

Hall 6A, stand 71

## **WOVEN Artificial Decorative Grass**

### **W-GRASS 20**

Innovative, on global scale, WOVEN artificial decorative grass (gardens, recreational grounds, urban and green areas). Its characteristics are natural look, possibility of joining different colours, equal turf distribution, high resistance to rooting out and durable vertical fixing of stalk.

*DYWILAN S.A.*

Hall 6A, stand 96

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## **WOVEN Sports Artificial Grass**

### **W-GRASS 50 and W-GRASS 20**

Innovative, on global scale, WOVEN artificial grass for sports surfaces. Possibility of joining different colours, determining field line, logo, equal turf distribution, high resistance to rooting out, durable vertical fixing.

*DYWILAN S.A.*

Hall 6A, stand 96

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## **XTRAGRASSTM**

Breakthrough technology in construction of sports fields - XtraGrassTM system 500. It is an ideal solution for natural turf reinforcement, combining the best features of natural grass with synthetic surface. The system guarantees natural look, comfort comparable to playing on 100 per cent natural surface and at the same time durability of the synthetic pitch. XtraGrassTM means more utilisation time of natural sports field and optimal protection of grass roots and stalks.

*TAMEX OBIEKTY SPORTOWE S.A.*

Hall 6A, stand 121

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## **WINDOOR-TECH**

### **BLOKNO.NET**

A portal for window and door sector with current market information and novelties. Individual users have access to the best experts on woodwork and exclusive browser of windows, which allows them to quickly and easily find the most suitable products.

*FORUM BRANŻOWE OKNA I DRZWI*

Hall 5, stand 164

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### **Delta 60 CNC-I machining centre**

One of the leading models in Tauringroup machine range. Owing to the constant modernization of digital control system, CNC-i, Delta 60 is today even more intuitive when programming any geometric shapes, both standard and custom, which can be drawn directly on the screen. Thanks to rich template database it is easy and quick to programme one-, three- or multi-radial bending, spirals, screw line shaped curves or various coils etc.

*TAURING*

Hall 5, stand 145

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### **KOSMOS Machining centre**

Four-axial arm processing centre (CNC) with horizontal spindle, for machining of aluminium, steel and PVC profiles. The device is equipped with digital technology and user friendly interface thanks to 3D graphic programme. Enables machining of profiles up to the working length of 4000 mm, or even to 8000 mm after changing the operation mode.

*MECAL POLAND Sp. z o.o.*

Hall 5, stand 149

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### **Climatech**

AGB Lift&Slide Climatech's latest product combines composite technology in production of new type HS doorsteps, excellent mechanic and physical features approved by BTW, CE frame-work marking with no costs and flexibility of use for profiles of the length from 68 to 92 mm (wood, PVC, ALU).

*AGAS Sp. z o.o.*

Hall 5, stand 157

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### **Roofs for gardens**

MAGNO roofs for gardens can be used with any window profiles. The elements are ready for self-assembly. The attached manual is simple and clear. Wide selection of roof shapes. Short delivery time.

*MAGNO*

Hall 5, stand 131

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**TVT - MEGA 16foil**

This foil is used for welding PVC profiles and is the quintessence of the latest achievement in coating technology, setting high quality standards. The official premiere - only at WinDoor-tech fair.

*ORFID*

Hall 5, stand 178

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**F40 Door handle with lock and push-button system**

Push-button system used in F40 handle is unique, yet safe technology: to close the door just press the button, to open it - just press the handle. Lifetime warranty, wide selection of models and colours, optional special marking for visually impaired people are just a few advantages of this range of handles.

*GOOD LOCK POLAND Sp. z o.o.*

Hall 3A, stand 31

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**VIVA AGATHA RUIZ door collection**

Door collection, designed by De La Prada is a new offer from Spazioquadro characterized by high quality and innovation. Many interesting design options and colours indicate that this collection will be very successful on the international market and will satisfy even the most sophisticated tastes.

*SPAZIOQUADRO S.r.l.*

Hall 5, stand 127

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**Module for sash storage FAM 661**

Transport system picks up sashes, set them up and thanks to automatic setting on the rack ensures rational and secure assignment of sashes and frames to be joined. The very dynamic drive of velocity up to 60 m/min ensures really short transport time. As an option, there is an additional axis of rotation available, which enables 90° rotation of sashes for further positioning.

*ELUMATEC POLSKA Sp. z o.o.*

Hall 5, stand 123

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**Modern access control and identification system - DIALOCK**

Includes door and wall terminals as well as electronic lock systems used in furniture. Dialock system ensures universal functionality i.e. in banks, offices, hotels and jeweller's shops etc. It is based on passive remote transponder technology. It allows access to authorized persons and prevents other people from entering.

*HÄFELE POLSKA Sp. z o.o.*

Hall 3A, stand 36

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**Aluminium panels for exterior doors GEMINI Quadrat FB**

Modern, rectangular shape of aluminium profiles in facing version. Allows using wider than standard glass packets. Similarly to Gemini Linear and Quadrat – it is a perfect solution for offices and hotels.

*ALURON Sp. o.o.*

Hall 5, stand 141

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**Thermally separated steel reinforcing profiles**

The solution prevents from heat loss through windows: profiles consist of two parts, longitudinally connected by plastic. Thanks to this the thermal bridge is broken without durability loss. Results of tests conducted by Gebhardt – Stahl's engineers confirm that using this type of profiles saves at least 10 per cent of energy, which is compliant with UE recommendations for construction of passive houses and more.

*GEBHARDT STAHL GmbH*

Hall 5, stand 155

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**Panel system for exterior doors**

Exterior doors with aluminium panel installed outside combine incredible durability with aesthetics. Varied finishing generates unlimited design options while enabling for matching the door to the existing surroundings. At the same time this structure is virtually indestructible.

*ALURON Sp. o.o.*

Hall 5, stand 141

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**ABS 664 automatic screwdriver for hardware**

ABS 664 automatic screwdriver for hardware enables further reduction of production time and thus reduce costs. Rotary bearing supported screwdriver set with adjustable height automatically screws all applied frame hardware. Gripping device at portal enables delivery and collection of frames. The screwdrivers are available in two options, depending on required workload, with one or two portals.

*ELUMATEC POLSKA Sp. z o.o.*

Hall 5, stand 123

**Frame mounting catch system for internal door glazing**

This solution increases efficiency and finally reduces installation costs making this process easier, simpler and cheaper. There is no need to use a hammer or any other accessories during the whole mounting process. The new catch does not cause any damage to the slat. The catch is flexible and can be mounted on curves.

*AIB ŚLĄCZKA SZPURA DYTKO Sp. j.*

Hall 5, stand 142

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**Vacuum lifting sling - VacuMaster Window Comfort**

VacuMaster Window vacuum lifting slings are used for vertical transport of glass, including insulated glass and ready-made windows. Slings make the production process more efficient, e.g. when taking insulated glass from a rack and placing it in a frame, holding a ready-made window etc. The device has load capacity up to 300 kg, depending on a model, and can manually or electrically rotate an object left and right – 900 kg.

*SCHMALZ Sp. z o.o.*

Hall 5, stand 139

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**Front door set**

A real decoration of front doors. Set specifically designed for front doors that require high durability products and ergonomics. Precise design from the very durable material, easy to install, first time in Poland. Very wide selection of colours and patterns, from simple and classic to modern design.

*GOOD LOCK POLAND Sp. z o.o.*

Hall 3A, stand 31

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**Front door set with code panel**

Unique combination of front door set with additional lock and code panel – this is the end of lost keys problem! Wide selection of models and colours. Possibility of choosing any set of colours on both sides of the door.

*GOOD LOCK POLAND Sp. z o.o.*

Hall 3A, stand 31