

PRODUCTS CATALOGUE



ADHESIVES • GROUTS • SILICONES • WATERPROOFING • PRIMERS • BUILDING BOARDS • CEMENT AND RESIN FLOORS • MORTARS



Gdynia, Arka Gdynia stadium

POLISH MANUFACTURER OF MODERN CONSTRUCTION CHEMICALS

WIM has been on the market since 2006. For the last 6 years, we have been constantly expanding the product range and scope of activities, while managing to keep 100% of company’s capital in Polish hands. During this time, the company became known as an expert in the manufacture of complete solutions for the installation of ceramic tiling. In order to meet customer expectations, WIM offers advice in the selection of both the right products and the right techniques.

Our company mainly specialises in the manufacture of comprehensive and innovative solutions for the installation of ceramic tiles (adhesive mortar and joint mortar, waterproofing materials), and innovative materials for drywall construction using building boards, as well as epoxy flooring.

Products for the installation of ceramic tiles, which constitute the foundation of WIM's product range, have been available on the market since the beginning of our company. They have been used in the premises of such companies and institutions as the Military Medical Institute, PSE SA, the Medical University of Warsaw, or

the high-end office building Mokotów Plaza in Warsaw. High and confirmed quality, but also innovativeness and commercial/technical support, have contributed to the fact that WIM has been trusted by designers and contractors in the development of numerous shopping centres, hotels, hospitals and various industrial buildings throughout the country.

From the very beginning, WIM has been closely cooperating with the Polish Association of Tilers (PZP). The Association organises training courses, conferences and construction industry congresses. Through this collaboration, WIM can recommend qualified professionals in a broad range of building solutions to its customers, and the members of the PZP can help to promote professional tiling products and tools, with focus on the quality of recommended products. The company organises hundreds of training events per year, where technical innovations and the latest products are discussed. This includes training in technical consulting (appropriate techniques and materials), perfecting professional skills and preparing for obtaining professional certificates.



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The idea of a "modern bathroom" was born from the observation of European trends and feedback from contractors. Our solutions are modern - functional and aesthetic, which is important from the point of view of customers. Professionals appreciate the speed and ease of installation and reliability. A modern bathroom is a system of waterproof building boards for building WIM Platte System bathrooms, a special system of sealing mats for shower cabins and bathrooms and a modern shower tray, which is tiled to the floor.

Building boards are an alternative to plasterboard. Unlike plasterboard, they are made of fully waterproof materials. Their core is made of XPS coated on both sides with a mesh and plastered with special cement mix. The boards are lightweight, easy to machine, can be used as dry screed for levelling the surface, as well as for quick installation, without the use of a frame, as the counter under the sink, bathtub enclosure and various types of shower walls. They have high thermal insulation and high sound insulation.

Sealing mats are a modern way of making bathroom seals. They successfully replace all kinds of liquid films. They are vapour-proof, quick and easy to install, they reduce working time, guaranteeing a high level of sealing. After gluing the mat to the wall using class C2 cement glue, ceramic tiles can be laid on them immediately. Mats are especially recommended in areas with a wooden structure.

Shower tray tiled to the floor is our new designer solution. The shower tray does not stand out from the rest of the floor, it is entirely tiled using the same tiles as the rest of the floor, giving a greater sense of space in the bathroom. The design of the shower tray consists of the mentioned building board integrated with the drain, which in a very simple and fast way connects with the trap embedded in the floor cavity. The shower tray has contoured declines which facilitate the tiling work. This solution provides a reliable seal and undisturbed drainage of water. For the final user, this is a fashionable solution, for the contractor - great help and the possibility of widening the range of bathroom works carried out.

WIM PLATTE Flat Shower Tray

LIGHT LOAD-CARRYING ELEMENT FOR WALK-IN TYPE SHOWERS, INTENDED FOR COVERING WITH CERAMIC TILES



PROPERTIES:
WIM PLATTE Flat Shower Tray is a load-carrying element made of a building board with accessories. It has marked declines and an integrally installed line drain. It replaces traditional shower trays allowing for tiling the tray surface with the rest of the floor without steps and thresholds creating a walk-in type shower. The product is intended for covering with ceramic facing (ceramic tile, natural stone, glass mosaic). The factory-installed drain guarantees 100% tightness and the declines marked on the board - an undisturbed drainage of water. The kit, in addition to the shower tray board, also includes a trap, 4.5 m of FLEX BAND sealing tape and a grate masking the drain. The standard version has a grate for filling in with tile or natural stone. Custom versions, for an additional fee, include other types of finish, such as glass moulding or steel grate with decorative openwork. The materials used to make the board, in particular the core, made of extruded polystyrene (XPS), provide high thermal insulation, eliminating the effect of a cold floor. In addition, after installing, the tray is very stable and resistant to stress and other loads. It is also extremely easy to keep clean. The product has a total water resistance, resistance to chemical and biological degradation including, in particular, the formation of mould and mildew. The shower trap used, made by a reputable manufacturer, thanks to the highest quality materials and special design solutions used, ensures long life and trouble-free and comfortable use. In particular, it provides high flow rate of water drainage and prevents the escape of odours from drain pipes. The shower tray board has a thickness of 50mm along the outer contour and 45mm at the drain location.

USE:
The product is intended for use in showers, and other places with water drainage aligned with the floor. It is perfect for bathrooms, bathing rooms, spas and other recreational facilities. Its application allows for achieving the effect of greater space and freedom in designing the bathroom and other places where it can be installed. Thanks to the solutions used, the product is easy, convenient and fast to assemble for tilers and installers. Lack of barriers and high compressive strength make the shower tray ideal for use in showers adapted to the needs of people in wheelchairs.

BASE PREPARATION:
In the place of installation of the tray, make a recess in the screed to a depth of 15cm in the format corresponding to the shape and dimensions of the shower tray. When deciding to install a shower tray already in the design stage, you have the option when making the cement floor to leave the space where the shower will be installed without filling it with concrete. The drain pipe should be below the floor level at such a height that when connected to the trap it will still be declined towards the drain system.

TRAP INSTALLATION:
Place the shower tray in the space planned for installation, checking that the recess in the floor matches the dimensions of the board. Make any necessary adjustments. Next, through the drain hole in the tray board, mark on the floor the place of the nozzle outlet on the end of the drain. It is the approximately 5cm-long metal element protruding from the bottom of the board, used to connect the shower tray board with the trap. Place the trap in the marked location in such a way that the opening in its upper part is exactly in line with the nozzle, and that these elements can be freely connected to each other. The upper part of the trap is also a spacer adjusting the height of the trap in relation to the shower tray board and the floor. It can be adjusted by cutting with a saw to the correct height. At the highest point, the trap should be 6cm below the floor level. Next, connect the trap to the drain pipe. In order to prevent the movement of the trap, stabilise it on the base using assembly mortar. After setting in the trap, check again whether the outlet nozzle of the shower tray board is in line with the hole in the trap's spacer and whether it is possible to connect them with no problems. Make a test connection without the sealing ring installed in the hole. The ring can be placed in the hole after making sure that the elements fit together. This is best done immediately before final assembly. Make a trap tightness test by filling it with water. After checking the fit of individual components and testing the tightness, install an insulating edge strip around the recess and then fill with cement mortar to a height of 6 cm below the floor level, so that you can see only the top surface of the trap spacer.



INSTALLATION OF THE SHOWER TRAY BOARD
You can proceed with the installation of the shower tray board after the cement mortar dries and cures. Apply the flexible adhesive mortar WIM FLEX or WIM SUPERFLEX S1 over the entire surface of the underside of the board and on the filling in the recess made earlier. Make sure that the adhesive mortar completely fills the space between the board and the base. Place the board in the recess so that the outlet nozzle slips into the hole with the seal in the adapter of the trap spacer, then press and level the board. In order to facilitate the installation, cover the outlet nozzle and the seal in the trap with mounting paste before assembly. After levelling the board, the place of its connection with the remaining part of the floor should be sealed with special sealing tape FLEX BAND adhered to the base using WIM FLEX or WIM SUPERFLEX S1. Next, cover the whole system twice with waterproofing compound WIM PLYNNA FOLIA.

INSTALLATION OF CERAMIC TILES
Lay the tiles on a flexible adhesive mortar WIM FLEX, WIM SUPERFLEX S1 or WIM DIAMOND FLEX S2. The latter mortar is especially recommended for installation of glass mosaic. Apply the adhesive mortar on the shower tray board with a layer with uniform thickness. When laying tiles respect the bends in the board which make it easier to match the tiles to the declines set out.

SPECIFICATIONS:
Board core of extruded polystyrene, reinforced on both sides with fibreglass mesh and coated with special high-quality cement mortar enriched with synthetic resins.

Apparent density of the core: $\geq 36 \text{ kg/m}^3$
Compressive stress at 10% relative deformation: $\geq 0,3 \text{ MPa}$
Water absorption:

- After 1 h $\leq 1 \text{ kg/m}^2$
- After 24 h $\leq 1 \text{ kg/m}^2$

Tensile strength perpendicular to faces:

- After 28 days in laboratory conditions: $\geq 0,4 \text{ MPa}$
- After 7 days in laboratory conditions and 21 days in water: $\geq 0,4 \text{ MPa}$
- After 7 days in laboratory conditions and 14 days in temperature of $+70^\circ \text{ C}$: $\geq 0,4 \text{ MPa}$
- After 7 days in laboratory conditions and 21 days in water and then after 25 freeze-thaw cycles in water: $\geq 0,14 \text{ MPa}$

Reaction to fire class: E
Trap (water) flow rate: 0,8 – 1,0 litre/second
Trap seal depth: 5 cm

Available dimensions of the WIM PLATTE shower tray boards

Thickness (mm)	Width (mm)	Length (mm)
30	900	900
	900	1000
	900	1100
	1000	900
	1000	1000
	1000	1100
	1100	900
	1100	1000
	1100	1100
	1100	1100

Attention! The line drain is always installed on the long side.



INNOVATION IN INTERIOR DESIGN

BUILDING BOARD

Multi-purpose, modern product - light, clean, easy to transport, quick and easy to machine. The product is extremely durable. It is characterised by high load resistance and stiffness of the structure made. It is water resistant and provides a good thermal and acoustic insulation.

WIM Platte is used for levelling and lining surfaces of walls and floors indoors and outdoors, especially in areas exposed to water and humidity. The board is extremely easy to machine, so you can easily create any shape, from simple angles to semi-circular forms.

BOARD INSTALLATION TECHNIQUES

INSTALLATION USING ADHESIVE MORTAR

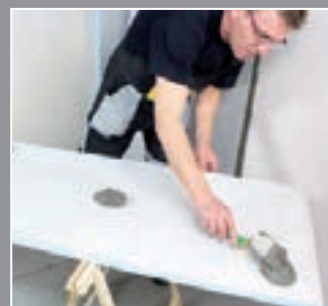


Floors can be levelled with building boards by attaching them over the entire surface using adhesive mortar.

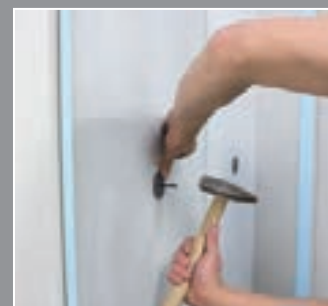


Building board after attaching on the entire surface.

INSTALLATION USING PINNING



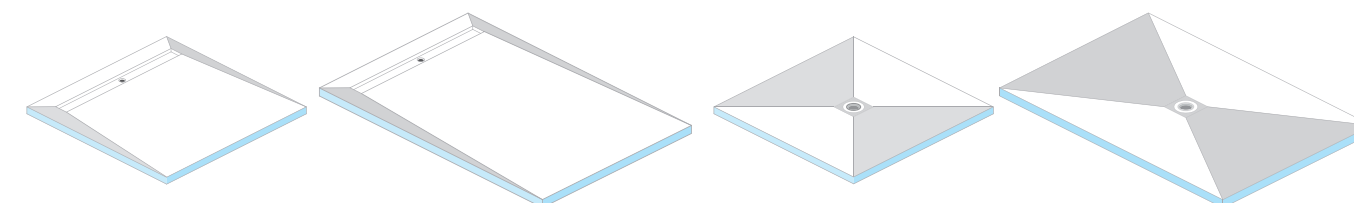
In case of very uneven surfaces with vertical or horizontal declines, we can use pinning.



Once the mortar hardens, insert anchors into previously made holes in the board and then drive them in with a hammer for light driving.

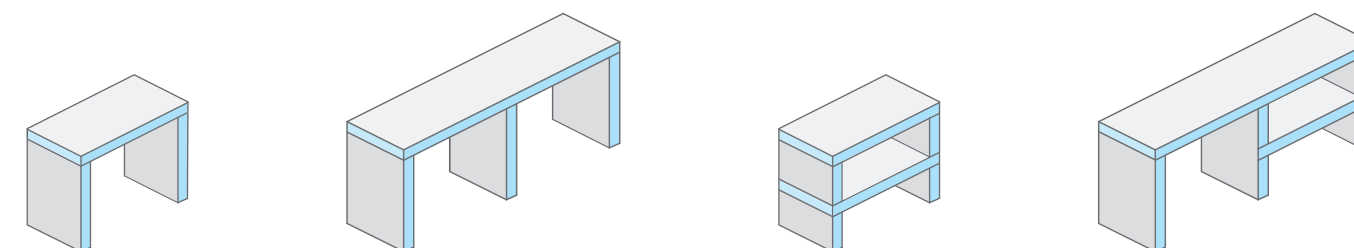
WIM Platte SHOWER TRAY BOARD „walk in"

A support element made of a building board with declines and integrally mounted line drain, intended to be covered with ceramic lining (ceramic tile, natural stone, glass mosaic). The factory-installed drain guarantees 100% tightness and the declines marked on the board - an undisturbed drainage of water. Thanks to the solutions used, the product is easy, convenient and fast to assemble for tilers and contractors. Its use allows for achieving the effect of greater space and for its arrangement in any way. It is perfect for bathrooms, bathing rooms, spas and other recreational facilities. The shower tray set includes: trap, sealing tape, grate for tiling.



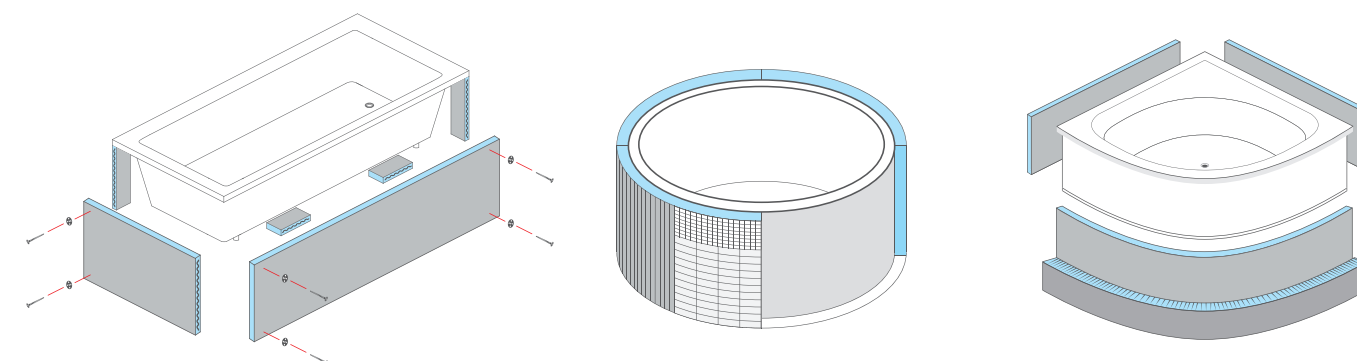
IMPLEMENTATION OF STRUCTURAL ELEMENTS

WIM Platte can be used as material for the construction of various types of shelves and closets, sinktops, steps, seats and other elements which simultaneously function as interior fit-ups. It can also be used for aesthetic casing of pipes, drain pipes and plumbing risers. High strength and stiffness of structures made using the building board with a suitable fastening system makes it very well suited for drywall construction including the erection of walls and partitions. In particular, the board can be used for levelling wall surface, eliminating the need for heavy and time-consuming traditional levelling with cement mortar or gypsum plaster. It is also an excellent substrate for ceramic tile.



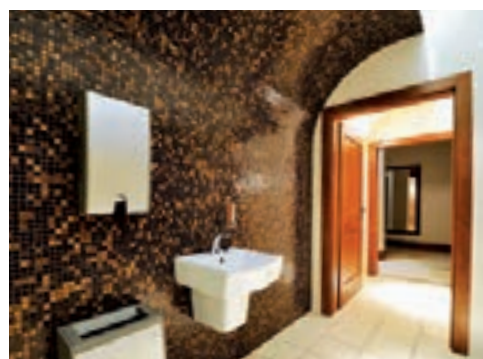
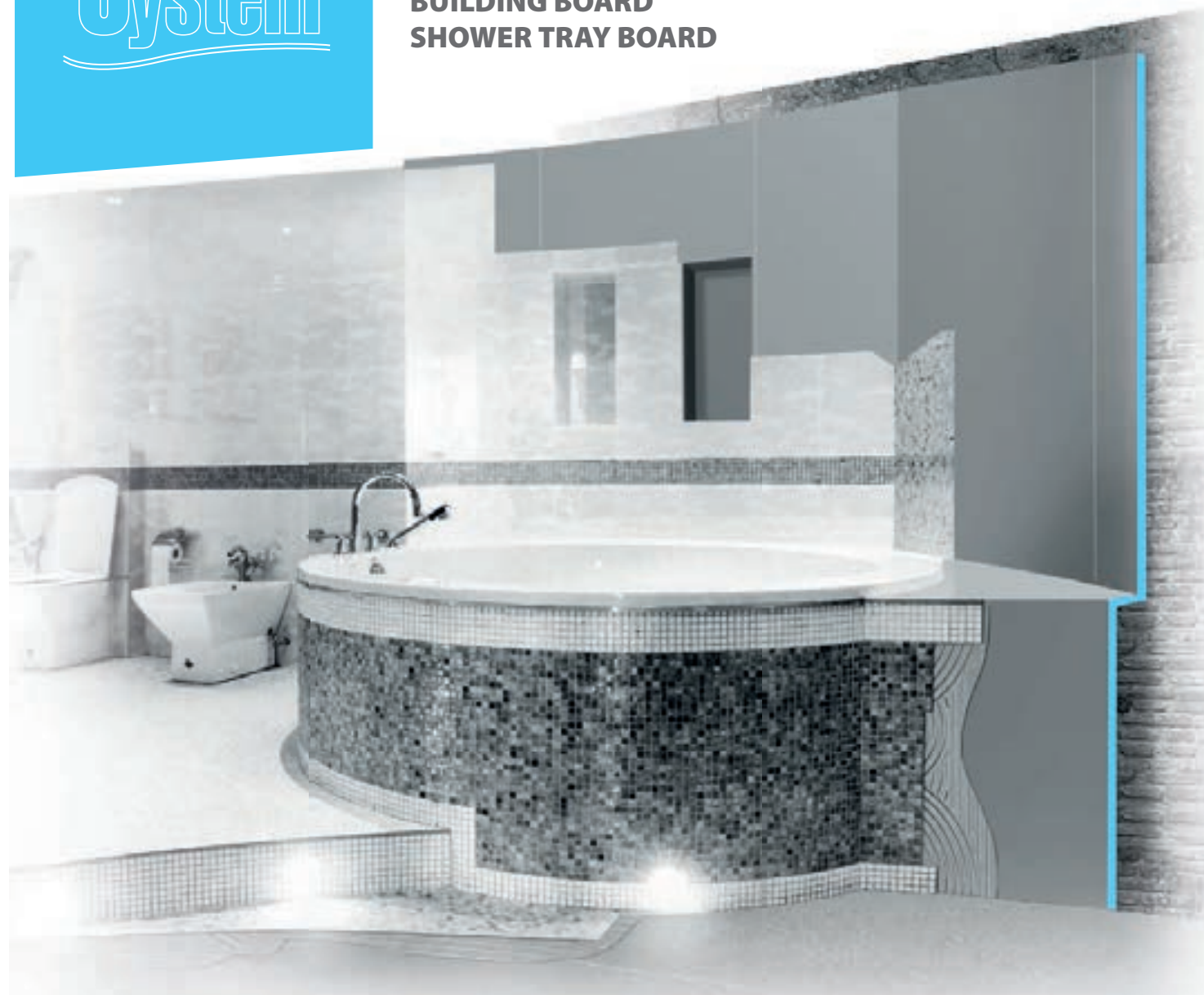
TUB ENCLOSURES

Thanks to its special properties, the WIM Platte building board is well suited for use in areas exposed to excessive moisture and condensation of water, i.e. bathrooms, showers, steam baths. It is used for enclosing sanitary appliances, bathtubs, shower trays, concealed systems, etc., as a direct substrate for ceramic tiles and mosaics. The load-bearing structures of a sinktop, tub enclosure, concealed frame and other elements made with the building board are combined using polyurethane adhesive sealants, stabilised in the initial period with special quick thread screws.



EXCELLENT ALTERNATIVE FOR DRYWALL CONSTRUCTION

BUILDING BOARD SHOWER TRAY BOARD



WIM PLATTE Building Board

Lightweight load-carrying element for finishing works and light construction, intended for covering with ceramic tiles

- For binding with the substrate
- On a separating layer
- As a floating floor
- For indoor and outdoor use

PROPERTIES:

WIM PLATTE Building Board is a multi-purpose, modern product - light, clean, easy to transport, quick and easy to machine. It is extremely durable. The product is characterised by high load resistance and stiffness of the structure made. It is water resistant and provides a good thermal and acoustic insulation. WIM PLATTE is used for levelling and lining surfaces of walls and floors indoors and outdoors, in areas exposed to water and humidity. The board is extremely easy to machine, so you can easily create any shape, from simple angles to semi-circular forms.

APPLICATION:

Thanks to its special properties, the WIM PLATTE building board is well suited for use in areas exposed to excessive moisture and condensation of water, i.e. bathrooms, showers, steam baths. It is used for enclosing sanitary appliances (bathtubs, shower trays, concealed systems, etc.) as a direct base for ceramic tiles and mosaics, textured plaster or paint. WIM PLATTE can be used as material for the construction of sinktops, shelves, steps, seats and other— elements which simultaneously function as interior fit-ups. It can also be used for aesthetic casing of pipes, drain pipes and plumbing risers. High strength and stiffness of structures made using the building board with a suitable fastening system makes it also extremely well suited for drywall construction including the erection of walls and partitions. In particular, the board can also be used for surfacing walls, eliminating the need for heavy and time-consuming to process traditional levelling cement mortars or gypsum plasters. The board is an excellent base for ceramic tiles as well as the decorative putty.

PREPARING THE BASE FOR THE INSTALLATION OF BUILDING BOARDS:

The bases on which the WIM PLATTE building board is mounted, both vertical and horizontal, must be sufficiently clean, rigid and load-bearing. They should be cleaned of residual mortar, remains of old plaster, any loose parts and other materials that may prevent good adhesion. Building boards can be used on the following bases:

- Plastered and non-plastered walls made of clay bricks, sand-lime bricks and aerated concrete blocks
- Cement screeds
- Old ceramic tiles and paint
- Wood and wood-based surfaces (e.g. chipboard and OSB)
- Raw in-situ concrete wall

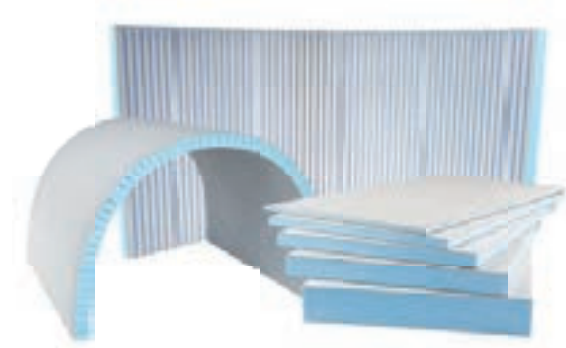
HOW TO USE:

WIM PLATTE building boards can be cut and machined with a knife, hand saw, jig saw or electric saw. Boards are mounted to the base using mineral adhesive mortars, and for larger unevenness also by studding. When joining boards with abutting edges, fitting bathrooms, constructing shelves, sinktops, flush-mounted frames and other self-supporting elements made of the building board, the appropriately cut parts are joined together using polyurethane or hybrid adhesive sealants. Additionally, during installation and drying, the structure is stabilised using special screws with high thread and long pitch. In order to prevent the screws from piercing through, the board can be supplied with special plates or washers to increase their plane of contact. Using the boards in areas heavily exposed to water (showers), and outdoors, additionally cover them with a water-proofing layer, and in areas of contact and connections between boards, use sealing tape.

INSTALLATION OF WIM PLATTE BOARDS

Whole surface attachment

On level, sound and sufficiently vertical surface, the building board can be bonded to the surface over its whole surface. The surface must be free from layers reducing adhesion of mortar (such as old paint, dust, oil stains, etc.), if needed, greater unevenness must be reduced. Apply adhesive mortar on the base using a notched trowel, and then press the board against the layer of adhesive so that it is in contact with adhesive over its whole surface. Board joints are filled in with adhesive mortar, and then (which is especially important in areas exposed to moisture) sealed with sealing tape. For bonding over the whole surface, use boards with thicknesses of 12 and 20 mm.



Spot joining with mechanical anchoring

In the situation where effective mounting of the building board on the wall by bonding over the whole surface is not possible because of the lack of bearing capacity of the base or too large deviation from plumb, use the spot joining technique using spots of mortar and anchor the board mechanically using appropriate anchors. In this method of installing the board, use boards with a minimum thickness of 20 mm. Before applying mortar on the board, mark the point of application by drilling the board with a drill or piercing with a screwdriver. Next, apply adhesive mortar on the marked spots. Set the board diagonally on the floor, tighten and even out, then adjust vertically and horizontally using a level. Begin the studding after the mortar binds, in the previously made hole in the wall (drilled through the board and the layer of bound mortar). In order to ensure proper attachment of the board, use 5 anchors/m² in the vertical spacing of 60cm. In addition, anchoring using anchors should be carried out along the longitudinal axis at an interval of 60 cm from bottom to top of the board, with a 30 cm shift relative to the anchors on the edge of the board.

SPECIFICATIONS:

Board core of extruded polystyrene, reinforced on both sides with fibreglass mesh and coated with special high-quality cement mortar enriched with synthetic resins.

Apparent density of the core: $\geq 36 \text{ kg/m}^3$

Compressive stress at 10% relative deformation: $\geq 0,3 \text{ MPa}$

Water absorption:

- After 1 h $\leq 1 \text{ kg/m}^2$
- After 24 h $\leq 1 \text{ kg/m}^2$

Tensile strength perpendicular to faces:

- After 28 days in laboratory conditions: $\geq 0,4 \text{ MPa}$
- After 7 days in laboratory conditions and 21 days in water: $\geq 0,4 \text{ MPa}$
- After 7 days in laboratory conditions and 14 days in temperature of $+70^\circ \text{ C}$: $\geq 0,4 \text{ MPa}$
- After 7 days in laboratory conditions and 21 days in water and then after 25 freeze-thaw cycles in water: $\geq 0,14 \text{ MPa}$

Reaction to fire class: E

Comments:

Follow the guidelines contained in the data sheets of products used in conjunction with WIM PLATTE building board. In order to achieve optimal technical parameters, prior to use, we recommend carrying out a test in the conditions of use.

AVAILABLE DIMENSIONS OF WIM PLATTE BUILDING BOARDS

Thickness (mm)	Width (mm)	Length (mm)
12	600	1200
12	600	2500
20	600	1200
20	600	2500
30	600	1200
30	600	2500
50	600	1200
50	600	2500

FOR PROFESSIONALS

WIM KLEJ

REGULAR ADHESIVE MORTAR
FOR CERAMIC TILES

- **C1T classification according to PN-EN 12004**
- **For wall and floor tiles**
- **For stable mineral substrates**
- **Layer thickness up to 5mm**
- **Frost-proof**

■ **APPLICATION:**

Thin-layer adhesive mortar for attaching absorbent wall and floor ceramic tiles on stable and non-deformable bases. Also recommended for cement underlayment and cement tiles. It can be used for the construction of lightweight partition walls using aerated concrete.

■ **PREPARATION:**

WIM KLEJ is recommended for every mature, strong, even and stable, sound, clean and absorbent surface such as concrete, aerated concrete, cement underlay, gypsum plaster, cement-lime plaster or homogeneous plaster, even walls with full depth joints. The base must be free of dust, dirt and other substances reducing adhesion, and cannot be frozen. Final moisture content of the base before laying ceramic tiles must be $\leq 4\%$.

■ **PRIMING:**

- Aerated concrete should be primed using ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY and left to fully dry.
- Low quality and stability bases should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.
- There is no need for priming in case of concrete and other mineral bases with an even, low absorbency.

■ **HOW TO USE:**

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using a drill with an agitator to form a compound with uniform consistency. Wait about 5 minutes and then mix thoroughly again. With the flat side of the trowel, pressing firmly to the base, apply a thin layer and then a thicker layer and spread with a notched trowel angled $55^\circ - 65^\circ$ in relation to the base. Size of teeth depend on the size of tiles and location of their installation. The larger the tile the greater the tooth height. Spread the adhesive on the floor with a trowel with tooth height of at least 8 mm. Lay the tiles only on the newly spread mortar, pushing them into the comb layer and gently moving to the desired position. Necessarily observe the open time. Avoid carrying out work in bright sunlight, rain and strong winds. Clean the tiles and joints before adhesive dries completely. Grout the joints after adhesive mortar hardens.

■ **SPECIFICATIONS:**

For temperature of $+23^\circ\text{C} (\pm 2)$ and humidity of 50% (± 5)

Ingredients: mixture of cements, mineral aggregates and modifying agents

Working temperature (air and material): from $+5^\circ\text{C}$ to $+25^\circ\text{C}$

Mixing ratio 5.5 - 6.0 L of water per 25kg of adhesive (about 0.22 - 0.24 L of water per 1 kg of adhesive)

Maturing time: 5 minutes

Work time: about 4 - 6 hours

Open time: at least 20 min.

Adjustability time: at least 15 min.

Can be walked on: after about 24 hours

Possibility of grouting:

walls: 4 - 8 hours

floors: after about 24 hours

Temperature resistance: from -30°C to $+70^\circ\text{C}$

Maximum thickness of mortar layer: 5mm

Adhesion: type C1T ($\geq 0.5 \text{ N/mm}^2$)

■ **APPROXIMATE CONSUMPTION:**

- | | | |
|--------------------------------|----------------------|---|
| • Tile with a side up to 10 cm | tooth height 4 mm | approximately 1,6–2,0 kg/m ² |
| • Tile with a side to 20–25 cm | tooth height 6–8 mm | approximately 3,0–4,0 kg/m ² |
| • Tile with a side above 30 cm | tooth height 8–12 mm | approximately ok. 4,0–6,0 kg/m ² |

■ **TOOL CLEANING:**

Using water directly after work. Hardened mortar should be removed mechanically.

■ **PACKAGING:**

20 or 25 kg paper bags.

■ **STORAGE and TRANSPORT:**

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ **EXPIRY DATE:**

12 months from the date of manufacture on the package.

WIM GRES

STANDARD ADHESIVE MORTAR FOR CERAMIC TILES

- **C1TE classification according to PN-EN 12004**
- **Special mortar for vitrified tiles**
- **Increased adhesion and durability**
- **Layer thickness up to 7 mm**
- **Frost-proof, waterproof**



■ APPLICATION:

Thin-layer adhesive mortar for installing vitrified tiles as well as ceramic tiles and brick tiles with water absorption above 1%, both indoor and outdoor. The maximum size of tiles laid on this mortar indoors is 45x45 cm, and outdoors – 30x30 cm. The product can also be used for laying tiles on drywalls and for building lightweight partition walls with aerated concrete.

■ PREPARATION:

WIM GRES is recommended for every mature, strong, even and stable, sound, clean surface such as concrete, aerated concrete, cement screed, anhydrite screed, gypsum plaster, Portland cement plaster or cement-lime plaster, plasterboard and gypsum fibreboards as well as homogeneous, even walls with full depth joints. The base must be free of dust, dirt and other substances reducing adhesion, and cannot be frozen. Final moisture content of the base before laying ceramic tiles must be, for:

- Anhydrite base < 0.5%
- Gypsum plaster < 1%
- Concrete and cement screed < 4%
- Cement plaster and cement-lime plaster < 4%

■ PRIMING:

- Aerated concrete should be primed using ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY and left to fully dry.
- Self-levelling anhydrite screed, gypsum plaster, plasterboard and gypsum fibreboards should be primed with ŚRODEK GRUNTUJĄCY.
- Low quality and stability bases should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.
- There is no need for priming concrete and other mineral bases with an even, low absorbency.

■ HOW TO USE:

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using a drill with an agitator to form a compound with uniform consistency. Wait about 5 minutes and then mix thoroughly again. With the flat side of the trowel, pressing firmly to the base, apply a thin layer and then a thicker layer and spread with a notched trowel angled 55° - 65° in relation to the base. Size of teeth depend on the size of tiles and location of their installation. The larger the tile the greater the tooth height. Spread the adhesive on the floor with a trowel with tooth height of at least 8 mm. Lay the tiles only on the newly spread mortar, pushing them into the comb layer and gently moving to the desired position. Necessarily observe the open time. Avoid carrying out work in bright sunlight, rain and strong winds. Clean the tiles and joints before adhesive dries completely. Grout the joints after adhesive mortar hardens.

■ SPECIFICATIONS:

For temperature of +23 °C (± 2) and humidity of 50% (±5)
Ingredients: mixture of cements, mineral aggregates and modifying agents
Working temperature (air and material): from +5 °C to +25 °C
Mixing ratio: 6.0 - 6.25 L of water per 25kg of adhesive (about 0.24 - 0.26 L of water per 1 kg of adhesive)
Maturing time: 5 minutes
Work time: about 4 - 6 hours
Open time: at least 30 min.
Adjustability time: at least 20 min.
Can be walked on: after about 24 hours
Possibility of grouting:
walls: 4 - 8 hours
floors: after about 24 hours
Temperature resistance: from -30 °C to +70°C
Maximum thickness of mortar layer: 7mm
Adhesion: type C1TE (≥ 0.5 N/mm²)

■ APPROXIMATE CONSUMPTION:

• Tile with a side up to 10 cm	tooth height 4 mm	approximately 1.6–2.0 kg/m ²
• Tile with a side to 20–25 cm	tooth height 6–8 mm	approximately 3.0–4.0 kg/m ²
• Tile with a side above 30 cm	tooth height 8–12 mm	approximately ok. 4.0–6.0 kg/m ²

■ TOOL CLEANING:

Using water directly after work. Hardened mortar should be removed mechanically.

■ PACKAGING:

20 or 25 kg paper bags.

■ STORAGE and TRANSPORT:

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

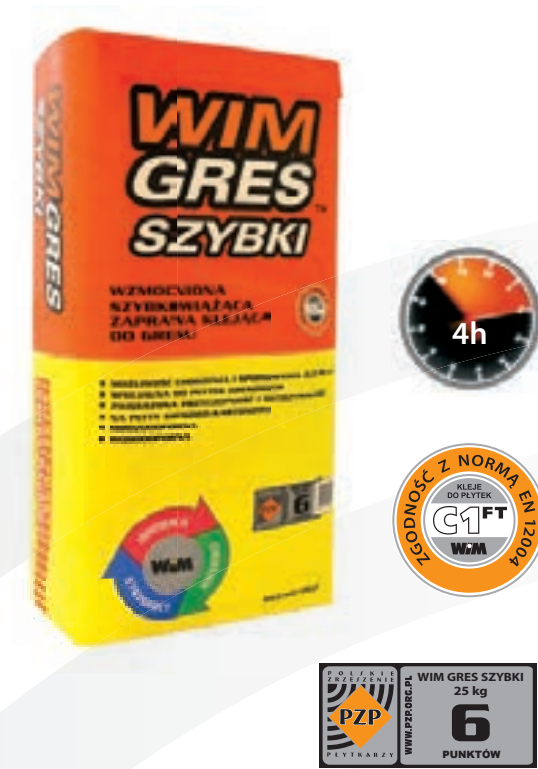
■ EXPIRY DATE:

12 months from the date of manufacture on the package.

WIM GRES SZYBK

HEAVY QUICK SETTING ADHESIVE MORTAR FOR CERAMIC TILES

- **Possibility of walking on and pointing after 4 h**
- **Special mortar for vitrified tiles**
- **Increased adhesion and durability**
- **For plasterboard**
- **Frost-proof, waterproof**



■ APPLICATION:

Thin-layer, quick setting adhesive mortar for installing vitrified tiles as well as ceramic tiles and brick tiles with water absorption above 1%, both indoor and outdoor. It is especially recommended for use in areas that may not be out of use for a long period and wherever the work needs to be done quickly and the cladding put to use (laying tiles in the only bathroom in the apartment, in passage-ways, corridors, on stairs, quick night repair of shops, etc.). The product is invaluable when used in reduced temperature (early spring, late autumn), when short periods of temperatures above +5°C (i.e., the minimum temperature at which cement mortar can be used) exclude the use of normally binding adhesives.

The maximum size of tiles laid on this mortar indoors is 45x45 cm, and outdoors - 30x30 cm. The product can also be used for laying tiles on drywalls and for building lightweight partition walls with aerated concrete.

■ BASE:

WIM GRES SZYBK is recommended for every mature, strong, even and stable, sound, clean surface such as concrete, aerated concrete, cement screed, anhydrite screed, gypsum plaster, Portland cement plaster or cement-lime plaster, plasterboard and gypsum fibreboards as well as homogeneous, even walls with full depth joints. The base must be free of dust, dirt and other substances reducing adhesion, and cannot be frozen. Final moisture content of the base before laying ceramic tiles must be, for:

- Anhydrite base < 0.5%
- Gypsum plaster < 1%
- Concrete and cement screed < 4%
- Cement plaster and cement-lime plaster < 4%

■ PRIMING:

- Aerated concrete should be primed using ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY and left to fully dry.
- Self-levelling anhydrite screed, gypsum plaster, plasterboard and gypsum fibreboards should be primed with ŚRODEK GRUNTUJĄCY.
- Low quality and stability bases should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.
- There is no need for priming concrete and other mineral bases with an even, low absorbency.

■ HOW TO USE:

: Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using a drill with an agitator to form a compound with uniform consistency. Wait about 5 minutes and then mix thoroughly again. With the flat side of the trowel, pressing firmly to the base, apply a thin layer and then a thicker layer and spread with a notched trowel angled 55° - 65° in relation to the base. Size of teeth depend on the size of tiles and location of their installation. The larger the tile the greater the tooth height. Spread the adhesive on the floor with a trowel with tooth height of at least 8 mm. Lay the tiles only on the newly spread mortar, pushing them into the comb layer and gently moving to the desired position. Necessarily observe the open time. The ready-to-use mortar should be used within approximately 1 hour. Avoid carrying out work in bright sunlight, rain and strong winds. Clean the tiles and joints before adhesive dries completely. Grout the joints after adhesive mortar hardens.

■ SPECIFICATIONS:

for temperature of +23 °C (± 2) and humidity of 50% (±5)
Ingredients: mixture of cements, mineral aggregates and modifying agents
Working temperature (air and material): from +5 °C to +25 °C
Mixing ratio: 5.5 L of water per 25 kg of adhesive (0.22 L of water per 1 kg of adhesive)
Maturing time: 5 minutes
Work time: about 1 hour
Open time: at least 30 minutes
Adjustability time: at least 15 minutes
Can be walked on: after about 4 hours
Possibility of grouting: after about 4 hours
Temperature resistance: from -30 °C TO +70°C
Maximum thickness of mortar layer: 7mm
Adhesion: type C1FT (≥ 0.5 N/mm²)

■ APPROXIMATE CONSUMPTION:

• Tile with a side up to 10 cm	tooth height 4 mm	approximately 2.1–4.5kg/m ²
• Tile with a side to 20–25 cm	tooth height 6–8 mm	approximately 2.65–6.0kg/m ²
• Tile with a side above 30 cm	tooth height 8–12 mm	approximately ok. 3.7–7.5 kg/m ²

■ TOOL CLEANING:

Using water directly after work. Hardened mortar should be removed mechanically.

■ PACKAGING:

20 or 25 kg paper bags.

■ STORAGE and TRANSPORT:

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ EXPIRY DATE:

12 months from the date of manufacture on the package.

WIM GRES BIAŁY

WHITE HEAVY QUICK SETTING ADHESIVE MORTAR FOR VITRIFIED TILES

- **C1T classification**
- **Special mortar for vitrified tiles**
- **For natural stone (marble and granite)**
- **Increased adhesion and durability**
- **For plasterboard**
- **Layer thickness up to 7 mm**
- **Frost-proof and waterproof**



■ APPLICATION:

White adhesive mortar for installing vitrified tiles as well as ceramic tiles and brick tiles with water absorption above 1%, both indoor and outdoor. Can be used for the installation of natural stone (e.g. marble, granite, travertine), even in bright colours. The mortar does not cause the greying effect on the stone surface, however, it should not be used for stones sensitive to deformation and discolouration when exposed to moisture. The maximum size of tiles laid on this mortar indoors is 45x45 cm, and outdoors - 30x30 cm. The product can also be used for laying tiles on drywalls and for building lightweight partition walls with aerated concrete.

■ PREPARATION:

WIM GRES BIAŁY is recommended for every mature, strong, even and stable, sound, clean surface such as concrete, aerated concrete, cement screed, anhydrite screed, gypsum plaster, Portland cement plaster or cement-lime plaster, plasterboard and gypsum fibreboards as well as homogeneous, even walls with full depth joints. The base must be free of dust, dirt and other substances reducing adhesion, and cannot be frozen. Final moisture content of the base before laying ceramic tiles must be, for:

- Anhydrite base < 0.5%
- Gypsum plaster < 1%
- Concrete and cement screed < 4%
- Cement plaster and cement-lime plaster < 4%

■ PRIMING:

- Aerated concrete should be primed using ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY and left to fully dry.
- Self-levelling anhydrite screed, gypsum plaster, plasterboard and gypsum fibreboards should be primed with ŚRODEK GRUNTUJĄCY.
- Low quality and stability bases should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.
- There is no need for priming concrete and other mineral bases with an even, low absorbency.

■ HOW TO USE:

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using a drill with an agitator to form a compound with uniform consistency. Wait about 5 minutes and then mix thoroughly again. With the flat side of the trowel, pressing firmly to the base, apply a thin layer and then a thicker layer and spread with a notched trowel angled 55° - 65° in relation to the base. Size of teeth depend on the size of tiles and location of their installation. The larger the tile the greater the tooth height. Spread the adhesive on the floor with a trowel with tooth height of at least 8 mm. Lay the tiles only on the newly spread mortar, pushing them into the comb layer and gently moving to the desired position. Necessarily observe the open time. Avoid carrying out work in bright sunlight, rain and strong winds. Clean the tiles and joints before adhesive dries completely. Grout the joints after adhesive mortar hardens.

■ SPECIFICATIONS:

For temperature of +23 °C (± 2) and humidity of 50% (±5)

Ingredients: mixture of cements, mineral aggregates and modifying agents

Working temperature (air and material): from +5 °C to + 25 °C

Mixing ratio: 6.5 - 7.0 L of water per 25kg of adhesive (about 0.26 - 0.28 L of water per 1 kg of adhesive)

Maturing time: 5 minutes

Work time: about 4 - 6 hours

Open time: at least 20 minutes

Adjustability time: at least 30 min.

Can be walked on: after about 24 hours

Possibility of grouting:

walls: 4 - 8 hours

floors: after about 24 hours

Temperature resistance: from - 30 °C to + 70°C

Maximum thickness of mortar layer: 7mm

Adhesion: type C1TE (≥ 0.5 N/mm²)

■ APPROXIMATE CONSUMPTION:

- | | | |
|--------------------------------|----------------------|---------------------------------|
| • Tile with a side up to 10 cm | tooth height 4 mm | approximately 1.6–2.0 kg/m² |
| • Tile with a side to 20–25 cm | tooth height 6–8 mm | approximately 3.0–4.0 kg/m² |
| • Tile with a side above 30 cm | tooth height 8–12 mm | approximately ok. 4.0–6.0 kg/m² |

■ TOOL CLEANING:

Using water directly after work. Hardened mortar should be removed mechanically.

■ PACKAGING:

20 or 25 kg paper bags.

■ STORAGE and TRANSPORT:

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ EXPIRY DATE:

12 months from the date of manufacture on the package.



WIM FLEX

HIGHLY FLEXIBLE ADHESIVE MORTAR FOR ALL TYPES OF CERAMIC TILES

- **C2TE classification according to PN-EN 12004**
- **For terraces, balconies and façades**
- **Underfloor heating**
- **For large-format tiles**
- **Layer thickness up to 10 mm**
- **Frost-proof, waterproof**

■ **APPLICATION:**

Thin-layer adhesive mortar for attaching ceramic tiles, vitrified tiles and brick tiles of every size and absorbency, indoor and outdoor. The mortar can be used to glue the tiles on plasterboard walls, floors with underfloor heating installed, on a properly made and dried waterproofing coatings in spray booths, terraces, balconies and swimming pools. It is also suitable for laying natural stone, insensitive to moisture and discolouration. Only adhesive based on white cement is recommended for the installation of marble.

■ **PREPARATION:**

WIM FLEX is recommended for every mature, strong, even and stable, sound, clean surface such as concrete, aerated concrete, cement screed, anhydrite screed, gypsum plaster, Portland cement plaster or cement-lime plaster, plasterboard and gypsum fibreboards as well as homogeneous, even walls with full depth joints. Adhesive mortar can be applied to bound and dried waterproof sealing made with WIM PŁYNNA FOLIA and WIMOLASTIC – HYDROIZOLACJA TARASU. It is also used for laying tiles on old but strong ceramic and paint coatings and terrazzo. The base must be free of dust, dirt and other substances reducing adhesion, and cannot be frozen. Final moisture content of the base before laying ceramic tiles must be, for:

- Anhydrite base < 0.5%
- Gypsum plaster < 1%
- Concrete and cement screed < 4%
- Cement plaster and cement-lime plaster < 4%

■ **PRIMING:**

- Aerated concrete should be primed using ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY and left to fully dry.
- Self-levelling anhydrite screed, gypsum plaster, plasterboard and gypsum fibreboards should be primed with ŚRODEK GRUNTUJĄCY.
- Low quality and stability bases should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.
- For wood-based panels, old tiles and strong paint finishes, apply the contact bridge WIM Warstwa Kontaktowa.
- There is no need for priming waterproofing layers, concrete and other mineral bases with an even, low absorbency.

■ **HOW TO USE:**

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using an electrical low mixer to form a compound with uniform consistency. Wait about 5 minutes and then mix thoroughly again. With the flat side of the trowel, pressing firmly to the base, apply a thin layer and then a thicker layer and spread with a notched trowel angled 55 ° - 65 ° in relation to the base. Size of teeth depend on the size of tiles and location of their installation. The larger the tile the greater the tooth height. Spread the adhesive on the floor with a trowel with tooth height of at least 8 mm. Lay the tiles only on the newly spread mortar, pushing them into the comb layer and gently moving to the desired position. Necessarily observe the open time. Avoid carrying out work in bright sunlight, rain and strong winds. Clean the tiles and joints before adhesive dries completely. Grout the joints after adhesive mortar hardens.



■ **SPECIFICATIONS:**

For temperature of +23 °C (± 2) and humidity of 50% (±5)
Ingredients: mixture of cements, mineral aggregates and modifying agents
Working temperature (air and material): from" +5 °C to + 25 °C
Mixing ratio: approximately 6.25 - 6.75 L of water per 25kg of adhesive (about 0.25 - 0.27 L of water per 1 kg of adhesive)
Maturing time: 5 minutes
Work time: about 4 - 6 hours
Open time: at least 45 min.
Adjustability time: at least 30 minutes
Can be walked on: after about 24 hours
Possibility of grouting:
walls: 4 - 8 hours
floors: after about 24 hours
Temperature resistance: from - 30 °C TO + 70°C
Maximum thickness of mortar layer: 10 mm
Adhesion: type C2TE (≥ 1 N/mm²)

■ **APPROXIMATE CONSUMPTION:**

• Tile with a side up to 10 cm	tooth height 4 mm	approximately 1.6–2.0 kg/m²
• Tile with a side to 20–25 cm	tooth height 6–8 mm	approximately 3.0–4.0 kg/m²
• Tile with a side above 30 cm	tooth height 8–12 mm	approximately ok. 4.0–6.0 kg/m²

■ **TOOL CLEANING:**

Using water directly after work. Hardened mortar should be removed mechanically.

■ **PACKAGING:**

- 5kg ALU PACK bags
- 25 kg paper bags

■ **STORAGE and TRANSPORT:**

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ **EXPIRY DATE:**

12 months from the date of manufacture on the package.

WIM FLEX BIAŁY

HIGHLY FLEXIBLE WHITE ADHESIVE MORTAR FOR ALL TYPES OF CERAMIC TILES

- **C2T classification according to PN-EN 12004**
- **For terraces, balconies and façades**
- **Underfloor heating**
- **For large-format tiles**
- **Layer thickness up to 10 mm**
- **Frost-proof, waterproof**

■ **APPLICATION:**

Thin-layer adhesive mortar for attaching ceramic tiles, vitrified tiles and brick tiles of every size and absorbency, indoor and outdoor. Especially recommended for the installation of natural stone (e.g. marble, granite, travertine), even in bright colours. The mortar does not cause the greying effect on the stone surface, however, it should not be used for stones sensitive to deformation and discolouration when exposed to moisture. In this case, use quick-setting adhesives and in exceptional cases, even waterless adhesives. The mortar can be used to glue the tiles on plasterboard walls, floors with underfloor heating installed, on a properly made and dried waterproofing coatings in spray booths, terraces and swimming pools.

■ **PREPARATION:**

WIM FLEX BIAŁY is recommended for every mature, strong, even and stable, sound, clean surface such as concrete, aerated concrete, cement screed, anhydrite screed, gypsum plaster, Portland cement plaster or cement-lime plaster, plasterboard and gypsum fibreboards as well as homogeneous, even walls with full depth joints. Adhesive mortar can be applied to bound and dried waterproof sealing made with WIM PŁYNNA FOLIA and WIMOLASTIC – HYDROIZOLACJA TARASU. It is also used for laying tiles on old but strong ceramic and paint coatings and terrazzo. The base must be free of dust, dirt and other substances reducing adhesion, and cannot be frozen. Final moisture content of the base before laying ceramic tiles must be, for:

- Anhydrite base < 0.5%
- Gypsum plaster < 1%
- Concrete and cement screed < 4%
- Cement plaster and cement-lime plaster < 4%

■ **PRIMING:**

- Aerated concrete should be primed using ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY and left to fully dry.
- Self-levelling anhydrite screed, gypsum plaster, plasterboard and gypsum fibreboards should be primed with ŚRODEK GRUNTUJĄCY.
- Low quality and stability bases should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.
- For wood-based panels, old tiles and strong paint finishes, apply the contact bridge WIM Warstwa Kontaktowa.
- There is no need for priming waterproofing layers, concrete and other mineral bases with an even, low absorbency.

■ **HOW TO USE:**

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using a drill with an agitator to form a compound with uniform consistency. Wait about 5 minutes and then mix thoroughly again. With the flat side of the trowel, pressing firmly to the base, apply a thin layer and then a thicker layer and spread with a notched trowel angled 55 ° - 65 ° in relation to the base. Size of teeth depend on the size of tiles and location of their installation. The larger the tile the greater the tooth height. Spread the adhesive on the floor with a trowel with tooth height of at least 8 mm. Lay the tiles only on the newly spread mortar, pushing them into the comb layer and gently moving to the desired position. Necessarily observe the open time. Avoid carrying out work in bright sunlight, rain and strong winds. Clean the tiles and joints before adhesive dries completely. Grout the joints after adhesive mortar hardens.



■ **SPECIFICATIONS:**

For temperature of +23 °C (± 2) and humidity of 50% (±5)
Ingredients: mixture of cements, mineral aggregates and modifying agents
Working temperature (air and material): from" +5 °C to + 25 °C
Mixing ratio: approximately 6.50 - 6.75 L of water per 25kg of adhesive (about 0.26 - 0.27 L of water per 1 kg of adhesive)
Maturing time: 5 minutes
Work time: about 4 - 6 hours
Open time: at least 45 minutes.
Adjustability time: at least 30 minutes.
Can be walked on: after about 24 hours
Possibility of grouting:
walls: 4 - 8 hours
floors: after about 24 hours
Temperature resistance: from - 30 °C TO + 70°C
Maximum thickness of mortar layer: 10 mm
Adhesion: type C2T (≥ 1 N/mm2)

■ **APPROXIMATE CONSUMPTION:**

• Tile with a side up to 10 cm	tooth height 4 mm	approximately 1.6–2.0 kg/m²
• Tile with a side to 20–25 cm	tooth height 6–8 mm	approximately 3.0–4.0 kg/m²
• Tile with a side above 30 cm	tooth height 8–12 mm	approximately ok. 4.0–6.0 kg/m²

■ **TOOL CLEANING:**

Using water directly after work. Hardened mortar should be removed mechanically.

■ **PACKAGING:**

25 kg paper bags

■ **STORAGE and TRANSPORT:**

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ **EXPIRY DATE:**

12 months from the date of manufacture on the package.

WIM FLEX SAMOROZPŁYWNY

FLEXIBLE, SELF-LEVELLING ADHESIVE MORTAR FOR ALL TYPES OF CERAMIC TILES

- **C2E classification according to PN-EN 12004**
- **For terraces, balconies and façades**
- **Underfloor heating**
- **For large-format tiles**
- **Layer thickness up to 20 mm**
- **Frost-proof, waterproof**



■ **APPLICATION:**

Thick-layer, self-levelling adhesive mortar for attaching ceramic tiles, vitrified tiles and brick tiles on horizontal surfaces, indoor and outdoor. Especially suitable for installing large format floor tiles. It can also be used to install large format natural stone panels insensitive to water and discolouration. Semi-solid consistency prevents the formation of voids under the tiles and provides complete adherence to the ground. It is recommended for bonding tiles on terraces and balconies, and for making heavily loaded floors in industrial buildings, warehouses and commercial surfaces.

■ **PREPARATION:**

WIM FLEX SAMOROZPŁYWNY is recommended for every mature, strong, even and stable, sound, clean, horizontal surface such as concrete, cement floor underlay, anhydrite and cement screed, gypsum fibreboards. The mortar can be applied to bound and dried waterproof sealing made with WIM PŁYNNĄ FOLIA and WIMOLASTIC – HYDROIZOLACJA TARASU. It is also used for laying tiles on old but strong ceramic coatings and terrazzo. The base must be free of dust, dirt and other substances reducing adhesion, and cannot be frozen. Final moisture content of the base before laying ceramic tiles must be, for:

- Anhydrite base < 0.5%
- Concrete and cement screed < 4%

■ **PRIMING:**

- Anhydrite screed and gypsum fibreboards should be primed with ŚRODEK GRUNTUJĄCY.
- Low quality and stability bases should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.
- Apply a contact bridge on floor tiles and strong paint finishes
- There is no need for priming waterproofing layers, concrete and other mineral bases with an even, low absorbency.

■ **HOW TO USE:**

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using a drill with an agitator to form a compound with uniform consistency. Wait about 5 minutes and then mix thoroughly again. Pour the mortar of in semi-solid consistency and using the proper trowel, preferably with a semi-circular teeth, spread on the ground. Size of teeth that ensure full adherence of tiles depends on the size of the tiles and evenness of the surface. The larger the tile the greater the tooth height. Lay the tiles on the newly spread mortar, pushing them into the comb layer and gently moving to the desired position. Necessarily observe the open time. Avoid carrying out work in bright sunlight, rain and strong winds. Clean the tiles and joints before adhesive dries completely. Grout the joints after adhesive mortar hardens.

■ **SPECIFICATIONS:**

For temperature of +23 °C (± 2) and humidity of 50% (±5)
Ingredients: mixture of cements, mineral aggregates and modifying agents
Working temperature (air and material): from: +5 °C to + 25 °C
Mixing ratio: approximately 5.25 - 6.0 L of water per 25kg of adhesive (about 0.21 - 0.24 L of water per 1 kg of adhesive)
Maturing time: 5 minutes
Work time: about 3 - 4 hours
Open time: at least 30 minutes
Adjustability time: at least 30 minutes
Can be walked on: after about 24 hours
Possibility of grouting: after about 24 hours
Temperature resistance: from - 30 °C TO + 70°C
Minimum thickness of mortar layer: 2 mm
Maximum thickness of mortar layer: 20 mm
Adhesion: type C2E (≥ 1 N/mm²)

■ **APPROXIMATE CONSUMPTION:**

- | | | |
|--------------------------------|----------------------|---------------------------------|
| • Tile with a side to 20–25 cm | tooth height 6–8 mm | approximately 3.0–4.0 kg/m² |
| • Tile with a side above 30 cm | tooth height 8–12 mm | approximately ok. 4.0–6.0 kg/m² |

■ **TOOL CLEANING:**

Using water directly after work. Hardened mortar should be removed mechanically.

■ **PACKAGING:**

25 kg paper bags

■ **STORAGE and TRANSPORT:**

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ **EXPIRY DATE:**

12 months from the date of manufacture on the package.

WIM SUPERFLEX S1

HIGHLY FLEXIBLE, DEFORMABLE ADHESIVE MORTAR

- **C2TE S1 classification according to PN-EN 12004:2008**
- **For deformable substrate**
- **With increased adhesion**
- **For terraces, balconies and façades**
- **For large-format tiles**
- **For underfloor heating**
- **Frost-proof and waterproof**



■ **APPLICATION:**

Highly flexible, deformable adhesive mortar for attaching ceramic tiles, vitrified tiles and brick tiles of any size and absorbency, exposed to extremely difficult conditions of use and deformations, indoor and outdoor.

The product can be used to glue tiles on difficult surfaces such as drywall, OSB, flooring with under-floor heating, properly made and dried waterproof layers in spray booths and especially on terraces, balconies and swimming pools. It is also suitable for laying natural stone, insensitive to moisture and discolouration. Only adhesive based on white cement is recommended for the installation of marble.

■ **PREPARATION:**

WIM SUPERFLEX S1 is recommended for every mature, strong, even, sound, clean surface such as concrete, aerated concrete, cement screed, anhydrite screed, gypsum plaster, Portland cement plaster or cement-lime plaster, plasterboard and gypsum fibreboards, OSB as well as homogeneous, even walls with full depth joints. Adhesive mortar can be applied to bound and dried waterproof sealing made with WIM PŁYNNĄ FOLIA and WIMOLASTIC – HYDROIZOLACJA TARASU. It is also used for laying tiles on old but strong ceramic and paint coatings and terrazzo. The base must be free of dust, dirt and other substances reducing adhesion, and cannot be frozen. Final moisture content of the base before laying ceramic tiles must be, for:

- Anhydrite base < 0.5%
- Gypsum plaster < 1%
- Concrete and cement screed < 4%
- Cement plaster and cement-lime plaster < 4%

■ **PRIMING:**

- Aerated concrete should be primed using ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY and left to fully dry.
- Self-levelling anhydrite screed, gypsum plaster, plasterboard and gypsum fibreboards should be primed with ŚRODEK GRUNTUJĄCY.
- Low quality and stability bases should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.
- For wood-based panels, old tiles and strong paint finishes, apply the contact bridge WIM Warstwa Kontaktowa.
- There is no need for priming waterproofing layers, concrete and other mineral bases with an even, low absorbency.

■ **HOW TO USE:**

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using a drill with an agitator to form a compound with uniform consistency. Wait about 5 minutes and then mix thoroughly again. With the flat side of the trowel, pressing firmly to the base, apply a thin layer and then a thicker layer and spread with a notched trowel angled 55 ° - 65 ° in relation to the base. Size of teeth depend on the size of tiles and location of their installation. The larger the tile the greater the tooth height. Spread the adhesive on the floor with a trowel with tooth height of at least 8 mm. Lay the tiles only on the newly spread mortar, pushing them into the comb layer and gently moving to the desired position. Necessarily observe the open time. Avoid carrying out work in bright sunlight, rain and strong winds. Clean the tiles and joints before adhesive dries completely. Grout the joints after adhesive mortar hardens.

■ **SPECIFICATIONS:**

For temperature of +23 °C (± 2) and humidity of 50% (±5)
Ingredients: mixture of cements, mineral aggregates and modifying agents
Working temperature (air and material): from +5 °C to + 25 °C
Mixing ratio: 5.00 - 6.75 L of water per 25kg of adhesive (about 0.20 - 0.27 L of water per 1 kg of adhesive)
Maturing time: 5 minutes
Work time: about 4 - 6 hours
Open time: at least 30 minutes
Adjustability time: at least 30 minutes
Can be walked on: after about 24 hours
Possibility of grouting:
walls: 4 – 8 hours
floors: after about 24 hours
Temperature resistance: from -30 °C TO + 70°C
Maximum thickness of mortar layer: 10 mm
Adhesion: type C2TE S1 (≥ 1 N/mm²)

■ **APPROXIMATE CONSUMPTION:**

- | | | |
|--------------------------------|----------------------|---------------------------------|
| • Tile with a side up to 10 cm | tooth height 4 mm | approximately 1.6–2.0 kg/m² |
| • Tile with a side to 20–25 cm | tooth height 6–8 mm | approximately 3.0–4.0 kg/m² |
| • Tile with a side above 30 cm | tooth height 8–12 mm | approximately ok. 4.0–6.0 kg/m² |

■ **TOOL CLEANING:**

Using water directly after work. Hardened mortar should be removed mechanically.

■ **PACKAGING:**

25 kg paper bags

■ **STORAGE and TRANSPORT:**

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ **EXPIRY DATE:**

12 months from the date of manufacture on the package.

WIM DIAMOND FLEX

HIGHLY FLEXIBLE, TWO-COMPONENT, QUICK SETTING, WHITE ADHESIVE MORTAR



irreplaceable
for glass mosaic and natural stone

WIM DIAMOND FLEX S2

HIGHLY FLEXIBLE, TWO-COMPONENT, QUICK SETTING, WHITE ADHESIVE MORTAR

- **C2FTE S2 classification**
- **With the highest flexibility for cement adhesives**
- **For deformable substrate**
- **For glass mosaic and natural stone**
- **For swimming pools, terraces, balconies and façades**
- **For underfloor heating**
- **Frost-proof and waterproof**

■ APPLICATION:

A highly elastic and highly deformable white dry set mortar to fix ceramic, gres and clinker tiles of any size and absorption, exposed to extremely difficult conditions of use and deformations, in the interiors and exteriors. Particularly recommended for fixing glass mosaic and natural stone (e.g. marble, granite, travertine) even in bright colours. However, it should not be used for stones and conglomerates which are very sensitive to moisture (e.g. VERDE ALPI marble). To fix this type of materials reactive adhesives on the base of synthetic resins should be used. The mortar can be used to stick tiles on the walls of plaster cardboard panels, floors with the floor heating system, appropriately executed and dried up hydro-insulation coatings in shower cabins, on terraces and in swimming pools. Due to short drying time, it is suitable to be applied in places which cannot be excluded from use for a long time and where it is necessary to do the job quickly and commission the cladding (tiling in one bathroom in a flat, in passageways, corridors, on stairs, quick overnight overhauls of shops, etc.). It is irreplaceable for use in the conditions of lowered temperatures (early spring, late autumn) when short periods of temperatures above +5°C (i.e. minimum temperatures at which it is possible to use adhesives and cement mortars) exclude the application of normally bonding adhesives.

■ SUBSTRATES:

WIM DIAMOND FLEX S2 is recommended for every mature, firm, even, load bearing and clean substrate, such as concrete, cellular concrete, cement sleeper wall, anhydrite leveling screed, plaster, cement or cement and calcareous coating, cardboard and plaster panels, plaster and staple panels, OSB panels, as well as homogenous, even walls with full joints. The dry-set mortar can be applied on the bonded and dried up waterproof insulation made of WIM PLYN-NA FOLIA and WIMOLASTIC – HYDROIZOLACJA TARASU products. It is also intended for laying tiles on old but firm ceramic, paint and terrazzo coatings. The substrate must be free of dust, dirt and other substances which decrease adherence. It cannot be frozen, either.

The final humidity of the substrate before ceramic tiles laying for the following kinds of substrates must be as follows:

- Anhydrite substrate < 0.5%
- Plaster coating < 1%
- Concrete and concrete leveling screed < 4%
- Cement or cement and calcareous coating < 4%

■ PRIMING:

- Prime cellular concrete with a STRENGTHENING AND PRIMING AGENT and leave until it is fully bonded.
- Prime anhydrite leveling screeds, plaster coating, cardboard and plaster panels, plaster and staple panels with a PRIMING AGENT.
- Substrates of low quality or stability must be first strengthened by applying a STRENGTHENING AND PRIMING AGENT.
- On wood-like panels, old tiles and strong varnish coats a contact bridging layer WIM Warstwa kontaktowa must be applied.
- There is no need to prime hydro-insulation substrates, concrete or other mineral substrates with even, low absorption.

■ HOW TO USE:

WIM DIAMOND FLEX S2 is supplied in the packages whose weight and proportions guarantee that after mixing both components the mortar is obtained whose fixture is adequate to be applied. Pour component (B) into a clean pot, and then slowly pour component (A). Mix with a slow-speed mixer until you obtain a homogenous smooth mass without any lumps. With a flat side of the trowel, strongly pressing to the substrate, apply a thin layer, and then a thicker layer, and spread it with a notched trowel set at an angle 55°–65° to the substrate. Depend the size of the notches on the size of the tiles and the place of their fixing. The bigger size of the tile, the bigger height of the notch. Lay the tiles only on the freshly spread mortar, pressing them to the comb layer and slightly moving set them in the chosen position. Strictly observe the open time. Avoid performing the works with high insolation, rain and strong wind. Clean the tiles and the joints before the adhesive is completely dry. Perform jointing after the dry set mortar has hardened.



■ SPECIFICATIONS:

For temperature of +23 °C (± 2) and humidity of 50% (± 5)

Component A: the mixture of cement, mineral aggregates, lime flours and modifying agents

Component B: water dispersion of synthetic resins

Temperature of application (the air and the materials): from +5°C to +25°C

Mixing proportions: 5:1 – component A (10 kg) + component B (2 kg) = 12 kg of the adhesive

Operating time: 2 hours

Skinning time: 30 minutes.

Correctability time: 30 minutes.

Possibility to walk: after 2 hours

Possibility to joint: after 2 hours.

Full load: after 3 days

Temperature resistance: from -30°C to +70°C

Maximum thickness of the mortar layer: 10 mm

Adherence: type C2FTE S2 (≥ 1 N/mm²)

■ APPROXIMATE CONSUMPTION:

- | | | |
|--------------------------------|----------------------|---------------------------------|
| • Tile with a side up to 10 cm | tooth height 4 mm | approximately 1.6–2.0 kg/m² |
| • Tile with a side to 20–25 cm | tooth height 6–8 mm | approximately 3.0–4.0 kg/m² |
| • Tile with a side above 30 cm | tooth height 8–12 mm | approximately ok. 4.0–6.0 kg/m² |

■ TOOL CLEANING:

Using water directly after work. Hardened mortar should be removed mechanically.

■ PACKAGING:

Set A+B = 12 kg (bag 10 kg + canister 2 kg)

■ STORAGE and TRANSPORT:

Component A: on pallets, in originally closed and undamaged packages, in a dry place. Protect from humidity.

Component B: in tightly closed packages, protect from overheating and frost.

■ EXPIRY DATE:

12 months from the date of manufacture on the package.





WIM FUGA

FLEXIBLE MORTAR FOR 0 TO 15 MM JOINTS

Cement mortar for pointing with improved parameters: high abrasion resistance and reduced water absorption.

- **CG2 WA classification in accordance with PN-EN 13888:2010**
- **From 1 to 15 mm**
- **Resistant to abrasion**
- **No stains and efflorescence**
- **Ag⁺** – antibacterial with silver molecules
- **ECO Protect** – prevents the growth of mould and mildew
- **Dew Effect** – reduced water absorption
- **Frost-proof and waterproof**

■ APPLICATION:

An elastic mortar for jointing, with decreased water absorption, intended for jointing every type of wall and floor ceramic tiles, gres tiles, clinker and natural stone laid on walls and floors. Suitable to be applied inside and outside of the premises, for joints of 0 - 15 mm in width. Recommended to joint tiles laid on balconies, terraces, elevations, floor heating and plaster-cardboard panels. Special for humid and wet rooms (e.g. shower cabins, bathrooms, kitchens).

■ PROPERTIES:

Frost and water resistant, with DEW EFFECT, that is, with maximally decreased water absorption via hydrophobic agents. It is distinguished by specially assorted composition of finely granular quartz and marble flour, powder resins and special additives. The EKO PROTECT system in the joint is arranging and filling micro-particles in such a way that the structure produced creates a tight system protecting against the growth of fungi and mold. It does not create bacteriological threat and therefore it can be used in contact with food. It can be easily mixed and applied and ensures a smooth surface after processing. It has great adherence to ceramic, gres tiles and glass mosaics. It is characterized by high resistance to light. It is available in 42 colours in accordance with the WIM colour card where, alongside silicon and epoxy joint, it forms a complete set to finish cladding. It fulfills the requirements concerning increased abrasion and scratch resistance, which enables to apply it on floors with intense pedestrian loading.

■ SPECIFICATIONS:

at the temperature +20°C and the humidity of air 65%)

Composition: Cement, finely granular mineral filler, marble flour and additives increasing elasticity, adherence and strength.

PH: 13

Mixing proportions: 0.22–0.26 l of water per 1kg

Operating time: about 2 hours

Operating temperature (of the air and the materials) +5°C to +25°C

Possibility to walk: after 24 hours

Bending strength:

after storing in dry state – min. 3,5 N/mm²

after subjecting to freezing/thawing cycles – min. 3,5 N/mm²

Compression strength:

after storing in dry state – min. 15 N/mm²

after subjecting to freezing/thawing cycles – 15 N/mm²

Temperature resistance: od -25°C do +70°C

Abrasion resistance: min. 1000 mm³

Water absorption:

after 30 min ≤ 2 g

after 240 min ≤ 5 g

Bulk density: about 1,20 kg/dm³



■ PREPARING THE SUBSTRATE:

The joints must be clean, without the remnants of glue, dust and other impurities decreasing adherence. They cannot be frozen, either. They should be of the same depth. Jointing can be started after the dry set mortar is totally dry, not earlier, however, than after 24 hours. When fast-setting glues are used for tiling, the tile jointing can be started as early as after 4 hours. When the joints are renovated, it is necessary to remove old joints to the depth of min. 3 mm.

■ PREPARING THE MORTAR:

The dry mortar must be poured into the measured amount of clean water and carefully mixed until a smooth mass without any lumps is obtained. It is absolutely necessary to strictly observe the proper ratio of the powdery mortar to water, so that differences in colours did not appear after drying. After about 5 minutes it should be mixed again for a short time. The ready mortar must be applied diagonally into the joints by means of a trowel with a stiff sponge or rubber and the joint must be richly filled with it. After the pre-bonding of the mortar (after about 45 - 90 minutes depending on the temperature), manifesting in the tarnishing of the joint surface, the whole surface of the tiles must be washed with a damp sponge and joints must be profiled. This recommendation must be strictly adhered to because too fast start of the washing process (particularly in the conditions of increased humidity and/or lowered temperatures) may cause the occurrence of white scale on the joint surface. Freshly-jointed surface must be protected against low temperature, humidity, rain, intensive insolation and draught.

■ NOTE:

The obtained colour may slightly differ from the sample book because of: too watery fixture of the applied mortar, low ambient temperature, the tile and the substrate environment not absorbent enough or too intense drying. However, the series number guarantees the same shade of colour.

■ STORAGE AND TRANSPORT:

The product must be transported and stored in tightly and originally closed packages, in dry conditions. Protect against humidity (max. permitted humidity of the air 75%).

■ EXPIRY DATE:

In the originally closed package for 24 months from the production date placed on the bag.

■ PACKAGING:

Joint mortar is supplied in 2 kg and 5 kg packages.

WIM BROKAT FUGA

FLEXIBLE DECORATIVE MORTAR FOR 0 TO 15 MM JOINTS

Cement mortar for pointing with improved parameters: high abrasion resistance and reduced water absorption. CG2 WA classification in accordance with PN-EN 13888:2010

- **Decorative product**
- **With the addition of glitter**
- **Flexible**
- **Reduced water absorption**
- **Frost-proof and waterproof**



■ APPLICATION:

Flexible grout, with reduced water absorption, used for grouting all types of ceramic wall and floor tiles, vitrified tiles, clinker and natural stone laid on walls and floors. Suitable for indoors and outdoors use with 0 -15 mm joints. Recommended for grouting tiles laid on balconies, terraces, façades, floor heating and plasterboards. Special for damp and wet areas (e.g. spray booths, bathrooms, kitchens).

■ PROPERTIES:

Frost- and waterproof, with DEW EFFECT, i.e. water absorption maximally reduced using hydrophobic agents. Distinguished by a specially selected composition of fine-grained quartz and marble powder, powder resins and special additives. The EKO PROTECT system in the grout means an arrangement and filling of microparticles, which causes that the resulting structure forms a watertight protection system against the development of mould and mildew. It does not create a bacteriological risk and therefore can be used in contact with food. It is easy to mix and apply, and provides a smooth surface after treatment. It has excellent adhesion to ceramic tiles, vitrified tiles and glass mosaic. It is characterised by high resistance to light. The product is available in a range of 42 colours consistent with the WIM colour chart, where together with silicone and epoxy grout, it creates a complete set to finish the cladding. The product meets requirements for increased resistance to abrasion and scratching which allows its use on floors with an intense pedestrian traffic.

■ SPECIFICATIONS:

at the temperature +20°C and the humidity of air 65%)

Composition: Cement, finely granular mineral filler, marble flour and additives increasing elasticity, adherence and strength.

PH: 13

Mixing proportions: 0.22–0.26 l of water per 1kg

Operating time: about 2 hours

Operating temperature (of the air and the materials) +5°C to +25°C

Possibility to walk: after 24 hours

Bending strength:

after storing in dry state – min. 3.5 N/mm²

after subjecting to freezing/defreezing cycles – min. 3.5 N/mm²

Compression strength:

after storing in dry state – min. 15 N/mm²

after subjecting to freezing/defreezing cycles – 15 N/mm²

Temperature resistance: od -25°C do +70°C

Abrasion resistance: min. 1000 mm³

Water absorption:

after 30 min ≤ 2 g

after 240 min ≤ 5 g

Bulk density: about 1.20 kg/dm³

■ PREPARING THE SUBSTRATE:

Joints must be clean and free of adhesive residue, dust, and other contaminants that reduce adhesion. They also cannot be frozen. They should be the same depth. Grouting can begin after the mortar has dried completely, however, not earlier than after 24 hours. If using quick-setting adhesives for laying, you can begin grouting after 4 hours. In case of restoration of joints, carefully remove the old joints to a depth of at least 3 mm.

■ PREPARING THE MORTAR:

Dry mortar should be poured into the measured out amount of clean water and mixed thoroughly until obtaining a homogeneous mixture. It is essential to keep the proper ratio of mortar powder to water, so that there will be no differences in colour after drying. After about 5 minutes, stir again briefly. The ready-for-use mortar is applied diagonally to the joints using a trowel with a hard sponge or rubber, abundantly filling the whole joint. After the initial binding of the grout (depending on the temperature after about 45 - 90 minutes) revealed by the matting of the joint surface, wash the entire surface of the tiles with a damp sponge and profile the joints. Strictly observe this recommendation because starting the washing process too quickly (especially under conditions of increased humidity and/or reduced temperatures) can cause the appearance of white residue on the joint surface. At the end (after 24 hours after profiling the joint) thoroughly wash the entire surface again, necessarily with clean water using a clean sponge. Freshly grouted surface should be protected against low temperatures, humidity, rain, intense sunlight and drafts.

■ NOTE:

The colour of the joint may vary slightly from the colour chart due to a too thin consistency of the applied mortar, low ambient temperature, low absorptivity of tiles and base or too intense drying. The same serial number ensures uniform colour tone.

■ STORAGE AND TRANSPORT:

The product must be transported and stored in tightly and originally closed packages, in dry conditions. Protect against humidity (max. permitted humidity of the air 75%).

■ EXPIRY DATE:

In the originally closed package for 24 months from the production date placed on the bag.

■ PACKAGING:

Grout is supplied in 2kg packages.

WIM EPOXYD

CHEMICAL-RESISTANT, TWO-COMPONENT EPOXY GROUT FOR 1 TO 15 MM JOINTS

Epoxy grout meets the requirements of PN-EN 13888 classified as RG. It can also be used as a chemical-resistant adhesive for ceramic tiles class R2T according to PN-EN 12004

- **RG classification according to PN-EN 13888**
- **From 1 to 15 mm**
- **For underfloor heating**
- **Chemical-resistant, acid-resistant**
- **Non-absorbent, resistant to dirt**
- **For places with high hygiene requirements (e.g. kitchens, bathrooms)**
- **High mechanical resistance**



■ APPLICATION:

Chemical-resistant epoxy grout is used for grouting wall and floor ceramic cladding made of ceramic tiles, brick tiles, natural stone, with a joint width of up to 15 mm. It is designed for places exposed to acids, bases, oils, solvents and high-pressure water. It is especially recommended for use in laboratories, battery rooms, tanneries, dairies, breweries, slaughterhouses and other food and chemical processing plants as well as in areas with high hygienic requirements such as hospitals, kitchens, canteens, swimming pools. It is completely non-absorbent and has a very high mechanical strength which allows its use in car showrooms, car washes, workshops, warehouses and other places with heavy mechanical loads on the floor. It is suitable for grouting tiles in aggressive water tanks.

■ BASE PREPARATION:

Joint to be grouted should be clean, completely dry and free from dust, grease and other contamination reducing adhesion. Adhesive residue must be removed to a uniform depth of at least 3 mm. Grouting can begin after adhesive mortar has dried completely.

■ HOW TO USE:

Pour component B - hardener entirely to the primary component A and mix thoroughly for at least 3 minutes using a low-speed mixer until obtaining a uniform consistency. Strictly observe the mixing proportions specified. Insert thoroughly mixed grout into the gaps using a special trowel with hard rubber. Remove excess grout with the same trowel diagonally from the surface of the tiles. After about 20 minutes, sprinkle the grouted surfaces with warm water and using a rough Scotch Brite sponge, using circular movements, profile the joint at the same time removing residual grout. Next, using a regular sponge, remove the resulting emulsion and perform the final profiling of the joint. Wash at least two times.

■ SPECIFICATIONS:

at the temperature +23°C and the humidity of air 50%)

Mixing ratio by weight (A: B): 8.9 : 1.1 (light colours) and 9.1 : 0.9 (dark colours)

Grout density: 1.35 g/cm³

Working temperature: +10 oC to +25oC

Workability time of ready-to-use grout: 20-30 min.

Pre-cure time: 24 hrs.

Full chemical resistance: after 14 days

■ INGREDIENTS:

Two-component material based on epoxy resin: component A - epoxy resin with fillercomponent B - curing agent

■ STORAGE AND TRANSPORT:

The product should be stored in a dry place at temperatures between +5 to + 25 °C. If the conditions of storage are followed, in factory-sealed packaging the storage time is 18 months from the production date on the packaging.

■ EXPIRY DATE:

In the originally closed package for 24 months from the production date placed on the bag.

■ PACKAGING:

Grout is supplied in 1.2 kg and 5 kg packaging.

■ COMMENTS:

The parameters contained in the specifications refer to a temperature of +23 °C and relative humidity of 50%. Higher temperatures and lower humidity accelerate, and lower temperatures and higher humidity lengthen the treatment and hardening time of the grout. After curing, the product is inert to the human body. The resin components in uncured state are irritating to eyes and skin. They may cause sensitisation by skin contact. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable gloves and eye or face protection. Discolouration may occur on the surface of the joint due to the effects of aggressive chemicals. Before using the product on ceramic cladding with components made of plastic, metal, coated with paint, unstable metallic enamel or other unstable decorative elements as well as in the case of an absorbent natural stone, always carry out a test to determine the effect of material on the grouted surface. Fresh stains should be cleaned with water and hardened ones removed mechanically.



WIM DIAMOND GROUT

TWO-COMPONENT EPOXY GROUT FOR 1 TO 15 MM JOINTS



Designed for glass mosaic, glass tiles
and metallic tiles

WIM DIAMOND GROUT

DECORATIVE, CHEMICAL-RESISTANT, TWO-COMPONENT EPOXY GROUT FOR 1 TO 15 MM JOINTS

Epoxy grout meets the requirements of PN-EN 13888 classified as RG

- **RG classification according to PN-EN 13888**
- **From 1 to 15 mm**
- **For underfloor heating, shower trays, bathroom and kitchen**
- **Special grout for glass mosaic, glass tiles and metallic tiles**
- **Designer grout, for restaurants, recreation centres, saunas, spas**
- **Chemical-resistant, acid-resistant, non-absorbent, resistant to dirt**



■ APPLICATION:

Decorative, chemical-resistant, epoxy grout is used for decorative grouting wall and floor ceramic cladding made of ceramic tiles, brick tiles, natural stone, with a joint width of up to 15 mm. It is resistant to the effects of bases, acids, oils, solvents and high-pressure water. It is especially recommended for areas with high decorative and aesthetic demand as well as hygienic demand. It is completely non-absorbent and has a very high mechanical strength.

■ BASE PREPARATION:

Joint to be grouted should be clean, completely dry and free from dust, grease and other contamination reducing adhesion. Adhesive residue must be removed to a uniform depth of at least 3 mm. Grouting can begin after adhesive mortar has dried completely.

■ HOW TO USE:

Pour component B - hardener into component A - epoxy resin, special fillers and pigments. Then mix thoroughly (for at least 3 minutes) using a low-speed mixer until obtaining a uniform consistency. Strictly observe the mixing proportions specified. Insert thoroughly mixed grout into the gaps using a special trowel with hard rubber. Remove excess grout with the same trowel diagonally from the surface of the tiles. A special silicone spatula can also be used for grouting. It facilitates the application of the grout, especially in case of narrow joints. It allows to precisely apply it directly into the gap. It also allows much more accurate collection of the excess grout from the surface of the tiles thereby facilitating its subsequent cleaning. Immediately after grouting, moisten the tile surface with warm water and vigorously float using a rough Scotch Brite sponge. With a circular motion initially profile the joint while removing the remnants of grout. Next, using a regular sponge, preferably a cellulose sponge, remove the resulting emulsion and perform the final profiling of the joint. Wash a minimum of 2 times, changing the water frequently.

■ SPECIFICATIONS:

at the temperature +23°C and the humidity of air 50%)
Mixing ratio by weight (A: B): 8.9 : 1.1
Grout density: 1.35 g/cm³
Working temperature: +10°C to +25°C
Workability time of ready-to-use grout: 20-30 min.
Pre-cure time: 24 hrs.
Full chemical resistance: after 14 days

■ INGREDIENTS:

Two-component material based on epoxy resin: component A - epoxy resin with fillercomponent B - curing agent.

■ STORAGE AND TRANSPORT:

The product should be stored in a dry place at temperatures between +5°C to +25°C. If the conditions of storage are followed, in factory-sealed packaging the storage time is 12 months from the production date on the packaging.

■ EXPIRY DATE:

In the originally closed package for 24 months from the production date placed on the bag.

■ PACKAGING:

Grout is supplied in 1 kg packages

■ COMMENTS:

The parameters contained in the specifications refer to a temperature of +23 °C and relative humidity of 50%. Higher temperatures and lower humidity accelerate, and lower temperatures and higher humidity lengthen the treatment and hardening time of the grout. After curing, the product is inert to the human body. The resin components in uncured state are irritating to eyes and skin. They may cause sensitisation by skin contact. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable gloves and eye or face protection. Discolouration may occur on the surface of the joint due to the effects of aggressive chemicals. Before using the product on ceramic cladding with components made of plastic, metal, coated with paint, unstable metallic enamel or other unstable decorative elements as well as in the case of an absorbent natural stone, always carry out a test to determine the effect of material on the grouted surface. Do not allow the grout to harden on the surface of the tiles. Fresh stains should be cleaned with water and hardened ones removed mechanically.

WIM SILIKON

SILICONE COMPOUND FOR WATERTIGHT SANITARY JOINTS AND EXPANSION JOINTS

- No solvents
- Resistant to mildew and mould
- For kitchens, bathrooms, showers, etc.



- **PROPERTIES:**
One-component, permanently flexible sealant based on silicone polymer cross-linked with octane. Available in colours consistent with the colours of WIM grouts. Resistant to ageing, the formation of mould and mildew, changing weather conditions and UV radiation, hot water and diluted acids and alkalis.
- **APPLICATION:**
For filling expansion joints, for finishing work and for connection joints between ceramic tiles and pieces of equipment outdoor and indoor. Especially suitable for all moving joints exposed to water, in bathrooms and kitchens, swimming pools and showers. Silicone is recommended for bathtub edges, also suitable for sealing glass and sanitary ware.
- **BASE PREPARATION:**
The base must be clean, dry, free from dust and grease contamination. Remove any residual grout from joints. Glass, tiles, PVC, wood should be degreased using benzine or alcohol.
- **HOW TO USE:**
Taped the edges of the joint being sealed. Diagonally cut the applicator tip according to the width to be filled. Generously fill the gap. Smooth the surface within 5 minutes using a tool for shaping silicone or manually. After smoothing, immediately remove the masking tape.

- **SPECIFICATIONS:**
Working temperature: +5°C to +40°C
Thermal resistance: -40°C to +180°C
Working time: about 10 minutes
Surface drying time: approx 20 minutes
Hardening: 2mm/day
Volumetric shrinkage: max 5%
Practical expansion: about 25%
- **CONSUMPTION:**
Dependent on the width and depth of the joint.
In case of a rectangular joint 5 x 5 mm, efficiency from the 310 ml tube = about 11 m
In case of triangular joints with 5 x 5 mm sides, efficiency from the 310 ml tube = about 25 m
- **STORAGE:**
18 months from date of manufacture in original unopened containers at +5°C to +35°C.

WIM USZCZELNIAJĄCA MASA DYLATACYJNA

POLYURETHANE, TWO-COMPONENT, POURABLE SEALANT FOR FILLING EXPANSION JOINTS IN FLOORS AND FOR CRACK INJECTION

- Two-component polyurethane expansion joint sealant
- For filling gaps, scratches and cracks
- Easy application - semi-liquid consistency
- High strength
- Wide range of applications - from 5 to 30 mm

■ **APPLICATION:**
USZCZELNIAJĄCA MASA DYLATACYJNA is intended for filling contraction and construction horizontal joint gaps with a width of 5 to 60 mm in ceramic tiling, screeds and concrete floors (including gaps machined with steel profiles), in resin floors and cement screeds, indoor and outdoor. USZCZELNIAJĄCA MASA DYLATACYJNA can also be used to for crack injection in concrete and creating protection on horizontal surfaces in general construction buildings, industrial and public buildings, including in the food industry, with the exception of places with direct contact with food. The product is available in 4 colours (WIM colour chart): grey (1/13), anthracite (1/14), beige (1/32) and chocolate (1/44).

- **PROPERTIES:**
USZCZELNIAJĄCA MASA DYLATACYJNA is a two-component, liquid polyurethane elastomer, whose components polymerise when mixed in the proper proportions, giving a sealant which is permanently flexible, stretchable and resistant to a number of chemicals.
- **BASE PREPARATION:**
Ceramic, concrete, cement and resin bases should be cured and seasoned. All surfaces must be clean, dry and free from dust, grease and loose dirt. Paint, bleeding water and any other substances that reduce adhesion must be removed. Expansion joints should be made according to separately established principles and design guidelines. All joint surfaces must be seasoned, clean and dry. The temperature of the base should not be lower than 10oC.
- **HOW TO USE:**
Before using, carefully mix component A (large bottle). Next, pour component B (small bottle) into component A. Mix vigorously for at least three minutes. Apply the product prepared this way by squeezing the bottle after trimming the application tip on the bottle cap. If using the product contrary to the instructions, the manufacturer is not responsible for the quality of the protection made.

■ **FILLING THE JOINT:**
When filling the joint, ensure its correct cross-section, i.e. the right proportion between the width and depth of filling. It is assumed that in case of joint width of 15 mm, these proportions are 1÷1. With a width exceeding 15 mm, proportions of 1÷1.5 are recommended. The correct cross-section of the joint can be obtained by filling the expansion joint with special polypropylene expansion joint backing with a slightly bigger cross-section than the joint width. Stretching the backing decreases its cross-section, so it can be placed inside the gap at the required depth. After releasing, the backing relaxes, pressing against the gap wall, sealing it from below. Freshly filled joints should be protected against water for a minimum of 8 hours.

WIM USZCZELNIAJĄCA MASA DYLATACYJNA should be used at an ambient temperature of 10 to 25 °C, relative humidity of maximum 80%. The area where work is to be held should be sectioned off and protected against the entry of bystanders, also setting up a protective zone before using open flames and, in particular, in case of welding work.

■ **STORAGE AND TRANSPORT:**
The product should be stored and transported in original, tightly closed containers in a dry and ventilated conditions at a temperature from +5oC to +25oC. The shelf life is 12 months from the date on the package.



- **SPECIFICATIONS:**
Mixing ratio in parts by weight (A÷B): 100÷17
Workability life after mixing: about 30 minutes
Working temperature: from +10°C to +25°C
Curing time at 20 °C, according to PN-EN 196-3:2006
- Initial: 6 hours
- Final: 13 hours
Full operational parameters: 7 days
Product colour after curing (according to WIM colour chart): 1/13, 1/14, 1/32, 1/44
Temperature resistance; from -30°C to +80°C
Tensile strength: ≥ 4.0 MPa
Adhesion (according to PN-EN ISO 4624:2004)
- To a ceramic base: ≥ 1.8 MPa
- To a concrete base: ≥ 2.6 MPa
Linear shrinkage: ≤ 0.03%

■ TABELA ZUŻYCIA:		
Joint width 5 mm	Joint depth 5 mm	consumption about 0.035 kg/m ²
Joint width 6 mm	Joint depth 6 mm	consumption about 0.050 kg/m ²
Joint width 8 mm	Joint depth 8 mm	consumption about 0.090 kg/m ²
Joint width 10 mm	Joint depth 10 mm	consumption about 0.140 kg/m ²
Joint width 12 mm	Joint depth 12 mm	consumption about 0.225 kg/m ²
Joint width 15 mm	Joint depth 15 mm	consumption about 0.350 kg/m ²
Joint width 20 mm	Joint depth 30 mm	consumption about 0.810 kg/m ²

- **PACKAGING:**
Set A+B=0.9 kg (0.75 kg bottle + 0.15 kg bottle)
- **TOOL CLEANING:**
Immediately after working with acetone.

■ **NOTE:**
Observe the principles for the protection of health resulting from the safety regulations stated in the instructions
Information received from our employees beyond the scope of this technical data sheet require written confirmation.

APPLICATION TABLES

FOR GROUTS AND SILICONES

Table of cement and epoxy grout consumption for pointing (kg/m²)

JOINT DIMENSIONS [mm] width x depth	TILE FORMAT [cm]								
	5 x 5	10 x 10 6 x 25	10 x 20 15 x 15	15 x 20 12 x 24	20 x 20 15 x 25	20 x 30 25 x 25	30 x 60	40 x 40	60 x 60
2 x 5	0,8	0,3	0,3	0,3	0,3	0,3	0,1	0,1	0,1
2 x 7	1,0	0,5	0,4	0,4	0,4	0,3	0,15	0,15	0,1
2 x 10	-	-	0,5	0,5	0,5	0,3	0,2	0,2	0,15
3 x 8	-	-	0,6	0,6	0,6	0,4	0,25	0,25	0,2
5 x 5	-	-	0,6	0,6	0,6	0,4	0,25	0,25	0,2
5 x 8	-	-	1,0	0,9	0,8	0,6	0,3	0,4	0,3
5 x 12	-	-	1,6	1,4	1,2	0,9	0,6	0,6	0,4
8 x 7	-	-	-	1,3	1,1	0,9	0,6	0,6	0,4
8 x 10	-	-	-	1,8	1,5	1,2	0,8	0,8	0,6
8 x 12	-	-	-	2,2	1,8	1,5	0,95	0,1	0,7

Consumption values in the table should be considered as estimates. Because of the many types of tile back side profiles, different height of the trowel teeth, non-uniform depth of the grout and the possibility of using different methods of installation, the consumption may be different than in the table.

calculation of mortar consumption

$$\frac{(A+B)}{(A \times B)} \times C \times D \times 1,6 = \frac{\text{kg}}{\text{m}^2}$$

A – tile length (mm)
B – tile width (mm)
C – tile thickness (mm)
D – joint width (mm)

Table of silicone compound consumption for rectangular joints (m/from a 310 ml tube)

Joint depth	Joint width 3 mm	Joint width 5 mm	Joint width 7 mm	Joint width 10 mm
3 mm	23	18	12	6
5 mm	14	11	8	5
8 mm	9	7	5	4
10 mm	6	5	4	3

Table of silicone compound consumption for triangular joints (m/from a 310 ml tube)

Joint depth	Joint width 3 mm	Joint width 5 mm	Joint width 7 mm	Joint width 10 mm
3 mm	35	30	24	20
5 mm	30	25	18	13
8 mm	25	16	11	8
10 mm	20	13	9	7



REFERENCE PROJECTS



JOINT MORTARS

Selected colors only available in packs of 2 kg.



WIM DIAMOND GROUT

10
COLOURS



WIM PROKAT FLUGA



4
COLOURS

JOINT MORTARS

We offer colour charts for cement, epoxy and silicone grouts in the form of handy small boxes, as well as in the form of boards and displays for the demonstration of samples in showrooms.



WIM LISTWA

PVC PROFILE WITH INCREASED STIFFNESS

- Protects tile edges from chipping
- Connects two tile planes
- Masks tile edges
- Long-lasting colour, UV resistant

■ **APPLICATION:**
PVC profiles with increased stiffness and resistance to mechanical deformation and damage. Profiles protect tile edges in outer corners, hiding cut imperfections and form a semi-circular connection of perpendicular tiles. They are used for aesthetic finishing of the upper edges of tiles laid on walls and baseboards, and for other decorative purposes, depending on the creativity of the designer or tilers. They are available in wide range of colours, which allows to match the colour of the joint. They have a long-lasting colour, resistant to UV radiation and cleaners used for cleaning wall and floor tiles. The preferred profile frame facilitates its quick installation in adhesive mortar and varying profile heights allow for tiling the tile with the profile edge.

■ **HOW TO USE:**
PVC profiles can be installed at the stage of cladding installation. Apply cement adhesive mortar on the surface and using a notched trowel spread in the place of application. Set the assembly frame in the place of planned profile installation. Fill it with additional amount of adhesive, then carefully glue the tile so that it reaches the visible part of the profile. Any gaps between the profile and the tile should be filled with mortar when grouting.



■ **SPECIFICATIONS:**
Length: 250 mm
Height: 8, 10 mm
Type: internal, external
Colour: 29 colours
Specific gravity: 1.35 g/mm
Tensile strength: 45 N/mm²
Module E: 3300 M/mm²
Softening temperature: >100 °C
Temperature of use (installation): at least +10 °C
Shore hardness: 82 Shore D

WIM LISTWA DYLATACYJNA

MOVEMENT JOINT PROFILE

- To compensate for stresses in the layer of tiles
- Levels the compression and tension forces
- Resistant to cleaning agents for floors

Special PVC profile for installation at the location of expansion gaps in the base during the implementation of ceramic cladding.

■ **APPLICATION:**
WIM Listwa Dylatacyjna is used directly in places where expansion gaps occur in the base during the installation of ceramic cladding indoors.

■ **HOW TO USE:**
Prior to installation, check whether the selected profile has the right height to the thickness of the tiles between which it is to be mounted. Profile height cannot be greater than the thickness of the tiles because when mounted, projecting above their surface will cause difficulties in the use of cladding and will be exposed to mechanical damage. Installation of the profile should begin with spreading mortar in the place of application using a notched trowel. Lay the profile directly above the expansion gap (or in place of the planned expansion gap between tiles) and press it in such a way that the lower part of the profile (with mounting holes) sinks into the adhesive mortar. Start laying the tiles from the edge of the profile (bottom part of the profile must be under the tile) trying to align the upper surfaces of the tiles and the profile, or the profile may be slightly below the tile level. Remove excess mortar from the connector with a damp sponge before it binds.



■ **SPECIFICATIONS:**
Length: 2500 mm
Height: 8, 10, 12 mm
Connection width: 9 mm
Specific gravity: 1.35 g/mm
Tensile strength: 45 N/mm²
Module E: 3300 N/mm²
Softening temperature: >100 °C
Temperature of use (installation): at least +10 °C
Shore hardness: 82 Shore D





WIM PŁYNNĄ FOLIA

FLEXIBLE, WATERPROOFING LIQUID FILM PROTECTING SUBSTRATES AGAINST MOISTURE AND WATER

- Flexible, ready to use
- Waterproof
- For use in bathrooms, showers, laundries, etc.
- Prevents mould and mildew
- Easy to apply

■ PROPERTIES:

One-component, ready to use compound with thixotropic properties. Contains no solvents and after drying forms a highly flexible, waterproof and jointless insulation layer. It has a very high adhesion to mineral surfaces and forms a shell, on which tiles can be laid using WIMFLEX adhesive mortars. Eco-friendly, does not contain any harmful chemicals. Easy to apply.

■ APPLICATION:

For damp insulation of surfaces in areas exposed to moisture, on which ceramic tiles will be laid. It is recommended wherever a high degree of water resistance is required, or there is high humidity (e.g. in showers, bathrooms, toilets, laundries, kitchens, etc.). Waterproofing can be used on drywall, plastered walls, walls made of aerated concrete units, old ceramic and stone cladding. It is suitable for floors with underfloor heating installed.

■ SPECIFICATIONS:

at the temperature of +23°C and humidity of 50%

Ingredients: Polymer dispersion with addition of improvers.

Consistency: Semi-solid

Density: about 1.4 kg/dm³

Operating temperature: from +5°C to +25°C

Consumption on:

- Absorbent surface: 1.2 kg/m²

- Low absorption surface: 0.7 kg/m²

Number of layers: 2

Technological break between layers: about 3 hrs.

Layer drying time: about 3 hrs. at 23°C

Adhesion: At least 1.5 MPa

Can be walked on: After 10 – 12 hours

Possibility of gluing tiles: When completely dry (about 24 hours).

Method of application: Roller, brush

Cleaning of tools: With water (in unbound state)

Storage: In sealed containers for 12 months from date of manufacture

The product must be protected from freezing.

■ Attention:

For temperatures other than those specified above, drying time may vary.



■ BASE PREPARATION:

The base must be solid firm, sound, mature, clean, dry, free from dust and grease contamination. Gypsum plaster, plasterboard and gypsum fibreboards should be primed with ŚRODEK GRUNTUJĄCY. Bases with low quality and stability should be strengthened by the application of ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY. Any defects in the base should be preferably repaired using WIM ZAPRAWA WYRÓWNUJĄCA. On smooth wood-based surfaces and old ceramic cladding, create a contact bridge. Expansion joints or other movable connections between the wall and the floor, as well as the corners, are sealed by means of sealing tape and corners that should be adhered to the base using liquid film. Drainage grates, pipe culverts and sink outlets should be fitted with cuff seals embedded in plastic. In order to clarify details please contact our technical advisory services.

■ HOW TO USE:

Mix the compound thoroughly in the package. Using a paint roller, apply the first layer of the compound, firmly pressing it into the surface. The second coat can be applied after complete drying of the previous one i.e. after about 3 - 4 hours. Each layer should be dry over the entire surface. In the case of floors with high water load and anticipated increased foot or vehicle traffic, apply a third insulation layer but not earlier than 12 hours after the implementation of the previous one. The central area of the tape in the expansion gap should not be covered with film. For laying tiles on a coating made of WIM PŁYNNĄ FOLIA, only use flexible adhesive mortars.

■ STORAGE:

Storage time in dry, frost-free storage areas, in original, sealed containers is at least 12 months from date of manufacture.

■ PACKAGING:

The product is available in 3.6 kg and 5 kg buckets.

■ GENERAL RECOMMENDATIONS:

Keep away from children. Wear suitable protective clothing and gloves.

Work should be carried out in accordance with good building practice, the manufacturer's instructions, standards and relevant health and safety regulations.

WIM ZESTAW ŁAZIENKOWY

KIT FOR SEALING WET AREAS IN THE SHOWER STALL

- Ready kit for sealing bathrooms
- Protects walls and floor against the ingress of water
- Protects gypsum surfaces against moisture
- Prevents mould and mildew

■ APPLICATION:

For damp insulation of surfaces in areas exposed to moisture, on which ceramic tiles will be laid. It is recommended wherever a high degree of water resistance is required, or there is high humidity (e.g. in showers, bathrooms, toilets, laundries, kitchens, etc.). Waterproofing can be used on drywall, plastered walls, walls made of aerated concrete units, old ceramic and stone cladding. It is suitable for floors with underfloor heating installed.

■ APPROXIMATE CONSUMPTION:

WIM PŁYNNĄ FOLIA

- Absorbent surface: 1.2 kg/m²

- Low absorption surface: 0.7 kg/m²

■ PACKAGING:

Bucket 4 kg



WIM ZESTAW ŁAZIENKOWY CONTAINS:

WIM PŁYNNĄ FOLIA 4 kg



WIM TAŚMA USZCZELNIAJĄCA 6 m



WIM MANKIET USZCZELNIAJĄCY 1 pc.



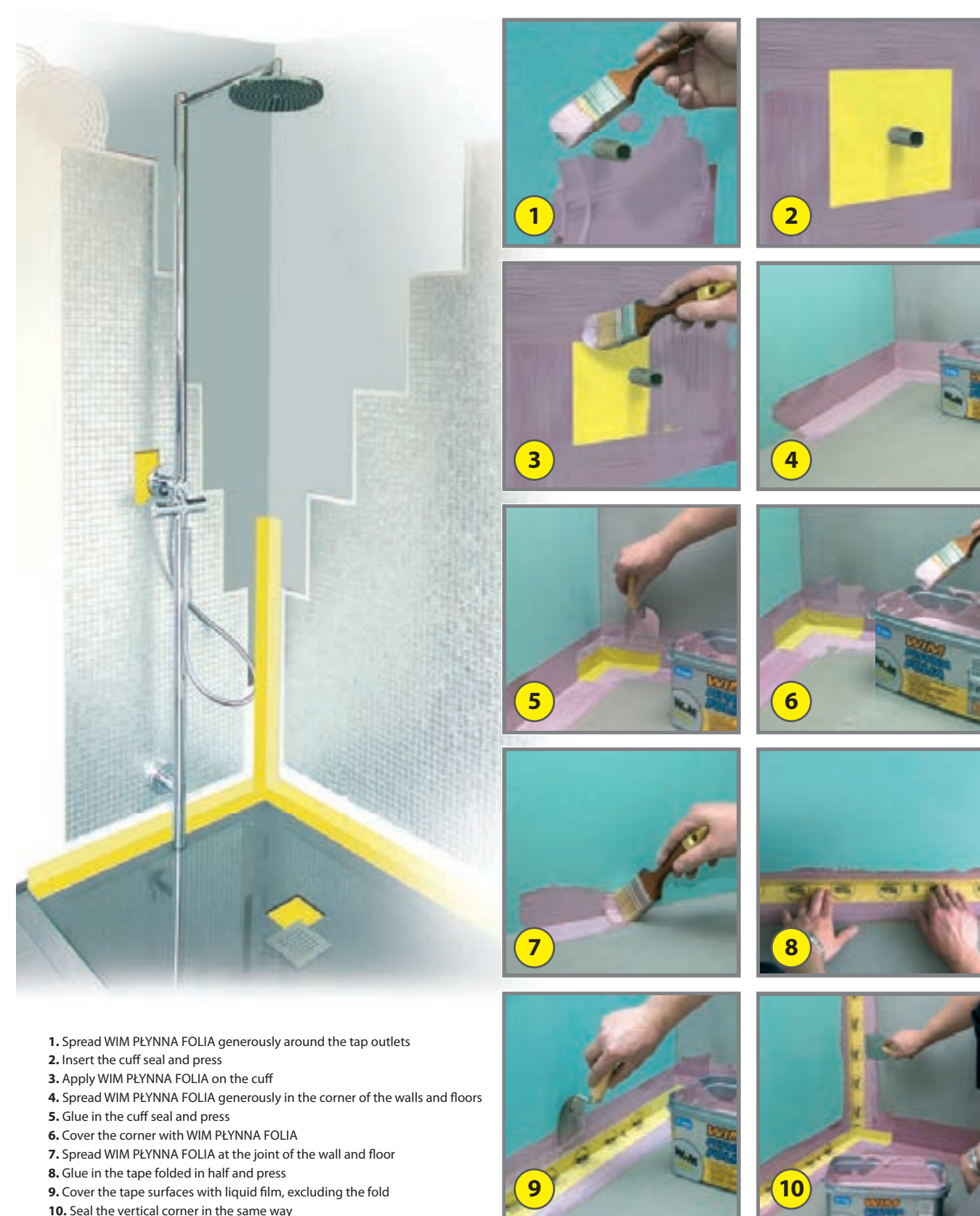
WIM NAROŻNIK USZCZELNIAJĄCY WEWNĘTRZNY 1 pc.



Detailed technical information can be found on individual product pages.

WIM ZESTAW ŁAZIENKOWY ensures the safety of walls and floors against water leakage

HOW TO USE THE WIM ZESTAW ŁAZIENKOWY:



WIMOLASTIC



WATERPROOFING FOR TERRACES AND POOLS

FLEXIBLE, TWO-COMPONENT
HIGH PRESSURE WATERPROOFING



IN HANDY 16 KG PACKAGING

WIMOLASTIC

WATERPROOFING FOR BALCONIES AND TERRACES

Flexible, two-component, high-pressure waterproofing

- Perfect for insulation of terraces and balconies
- For sealing swimming pools
- Reinforced with microfibres
- Does not cause metal corrosion
- Vapour permeable
- Highly flexible
- Frost-proof and waterproof
- For indoor and outdoor use

PROPERTIES:

A two-component sealant to protect the substrate against the penetration and the pernicious effect of water. It is characterized by high adherence to mineral substrates and excellent resistance to atmospheric conditions and long-lasting contact with water. It is highly-elastic thanks to which it bridges cracks and scratches. The dried-up coating is resistant to moderately aggressive chemicals (sulphates, chlorides, acids and oils). It is vapour-permeable, and harmless to the environment because it does not contain solvents. It is intended for the use in places exposed to the intense operation of water inside and outside the premises, before tiling. It has special texture characterized by extreme easy application, which after drying forms seamless sealing. In contact it does not cause the corrosion of flashing or other metal elements. It hampers the process of concrete carbonation.

APPLICATION:

To perform elastic sealing coat wherever a high level of watertightness is required. It is recommended to be used on balconies, terraces, external foundation walls, as well as in shower cabins, bathrooms and kitchens for industrial use. It is suitable for places with high water loading, such as: swimming pools, drinking water reservoirs, household sewage, car washes, the insulation of subdrains intended for rubbish dumps. Lay the tiles on the dried up sealing coat, the use of WIMFLEX elastic dry set mortars.

TECHNICAL DATA:

at temperature of + 23°C and humidity of air 50%)
Component A: cements, special quartz sands, additives
Component B: water dispersion of synthetic resins
Fixture: half-liquid
Density: about 1.6 kg/dm³
Operating temperature: from +5°C to +25°C
Operating time: 60 minutes
Consumption rate: about 1.5 kg/m² per 1 mm of layer thickness
Consumption depends on the type of insulation:
light insulation (thickness 2 mm) – 3.0 kg/m²
medium insulation (thickness 2.5 mm) – 3.75 kg/m²
heavy insulation (thickness 3 mm) – 4.5 kg/m²
Thickness of the applied layers: min. 2
Thickness of one layer: max 2 mm
Technological interval between applied layers 3 – 4 hours
Adherence to concrete: ≥ 1.07 MPa
Relative elongation: 94.3% (at max stress)
Pressure water resistance: min. 0.5 MPa (50 m of water gauge)
Permeability:
for water: none
for diesel oil and petrol: none
Possibility to walk: after 10–12 hours
Possibility to stick tiles: when it is completely dry (about 24 hours)
Method of applying: with a roll, a brush, a spatula

PREPARING THE SUBSTRATE:

The substrate must be even, dry or matt damp, firm, structurally sound, durable, mature and stable. Moreover, it must be free from dust, dirt, greasy impurities, and other substances decreasing adherence. Plasters, plaster-cardboard panels must be previously primed with a Primer. In case of low quality or stability substrates, they should be removed and replaced with new ones with proper durability and structural soundness. Do not prime concrete substrates outside. Possible losses in the substrate should be completed, and a brick wall must be fully joined. Directly before the product application (particularly in high temperatures), slightly moisten the substrate so that it is matt damp, but avoid standing water.



THE USAGE:

WIMOLASTIC is supplied in the packages whose weight and proportions guarantee that after mixing both components the mortar is obtained whose fixture is extremely easy to apply. Pour component B (the liquid) into the pot, and then slowly pour component A (the powder) and mix with a slow-speed mixer until you obtain a homogenous, smooth mass without any lumps. Put the mortar away for five minutes and mix it again. To obtain more watery fixture, you can add up to 3% of water when applying the first layer. We start the works from sealing expansion gaps, corners, and other working elements of the structure by inserting a special band and FLEXBAND sealing corner joints by means of the hydro-insulation mortar. Floor drains, pipe culverts, and sanitary fixture pipe endings must be provided with a sealing sleeve embedded into the mortar. Then, spread a thin layer of the mortar on the whole surface being sealed by means of a stiff brush or a trowel, firmly pressing to the substrate to close the pores occurring in it and to gather all the loose parts. We can proceed to apply the next layer after the first layer has dried (about 3-4 hours). We should try to keep the same thickness of the layer and make sure that the thickness of a single layer does not exceed 2 mm. The best method is to spread the mortar with a notched trowel with the notch height of 4x4 mm, and then to smoothen it all with its smooth side. This method enables to perform fast an even and firmly pressed layer. In the second layer of the mortar a fiberglass mesh can be submerged as a spacing element, however, it is not necessary. The thickness of the layer applied in one working cycle cannot be bigger than 2 mm. The hydro-insulation executed in this way must be protected against water for about 12 hours. We can start tiling after 24 hours, and after 3 days we can load with water under pressure.

NOTE:

A necessary condition before applying another layer is the total bonding and hardening of the previous one. Too thick layers should not be spread at one time because shrinkage cracks may occur. A fresh layer must be protected against rain and too fast drying.

STORAGE AND TRANSPORT:

In the originally closed packages for 12 months from the production date placed on the package. Component A – protect from humidity. Component B – protect from frost and high temperature

PACKAGING:

Set:
32 kg (bag 24 kg + canister 8 kg), 16 kg (2x6 kg + 2x2 kg).

CLEANING THE TOOLS:

Free moisture. Remove the hardened mortar mechanically.

EXPIRY DATE:

12 months from the production date placed on the package.

WIM TAŚMA

SEALING TAPE FOR WATERPROOFING SYSTEMS

THERMOPLASTIC ELASTOMER REINFORCED WITH NON-WOVEN POLYESTER

- For waterproof systems
- For sealing expansion joints
- For flexible floor-wall connections
- Waterproof elastomer reinforced with a fabric mesh

APPLICATION:

WIM Taśma Uszczelniająca is used to ensure the continuity of the seal when waterproofing both indoor and outdoor. Its primary task is to seal expansion gaps and assembly joints (wall-wall, wall-floor, balcony-wall, terrace-wall connections and wall or floor penetrations) against ingress of water and moisture. WIM Taśma Uszczelniająca is intended for use with WIM PŁYNNA FOLIA and WOMOLASTIC waterproofing.

TECHNICAL DATA:

Overall width: 120 mm
Seal width: 70 mm
Weight: 0 g/m
Total thickness: 0.60 mm
Tensile strength: 5.15 MPa
Relative elongation at maximum stress: 119.47%
Elongation strength:
25%: 7.42 N
50%: 11.27 N
75%: 19.59 N

Water penetration: None at 0.5 MPa
Maximum pressure: 2.5 bar
Shore hardness: 60
Resistance to temperature: -30°C ÷ +90°C
UV resistance: resistant
Chemical resistance: resistant

PACKAGING:
10 m, 50 m.



WIM FLEXBAND

SPECIAL SEALING TAPE

- Creates an inseparable connection with waterproofing material
- Strengthens the place of contact of the terrace flashing with the waterproofing layer
- Provides tightness and flexibility in critical places of the insulation layer
- Resistant to aggressive chemicals

APPLICATION:

Flexible sealing tape, consisting of two layers of white non-woven polyester, with a layer of thermoplastic elastomer between them, on the whole width. It is intended to provide a tight seal during the implementation of waterproofing coatings in the critical areas, indoor and outdoor. It can be used as a flexible seal for expansion joints, wall to wall or wall to floor connections and the place of contact of the terrace with the building wall. It is resistant to water, moisture, diluted acids, bases and salts. It is also used as a bridge cover of the connection of terrace or balcony flashing with a waterproofing layer. It has improved adhesion to mineral, dispersion and bituminous waterproofing materials.

PACKAGING:
10 mb, 50 mb.

TECHNICAL DATA:

Thickness: 0.5 mm (± 5%)
Surface weight: 440 g/m² (± 5%)
Maximum tensile stress: > 13.7 MPa
Water penetration: None at 0.5 MPa



ACCESSORIES

SEALING ELEMENTS FOR WATERPROOFING SYSTEMS

THERMOPLASTIC ELASTOMER REINFORCED WITH NON-WOVEN POLYESTER

- INNER CORNER
- OUTER CORNER
- CUFF SEAL
- FLOOR PATCH
- Waterproof elastomer reinforced with a fabric mesh or non-woven polyester
- For precise sealing of critical places
- Ensures the tightness of insulation
- Resistant to water, moisture and to diluted acids, bases and salts
- For indoor and outdoor use

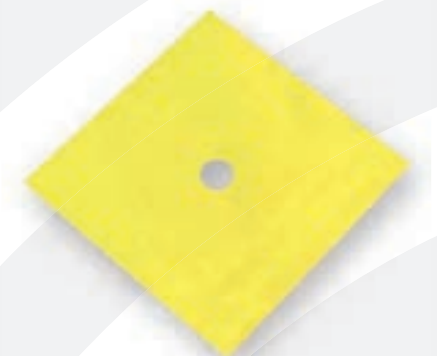
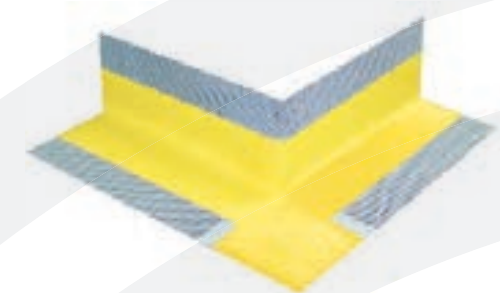
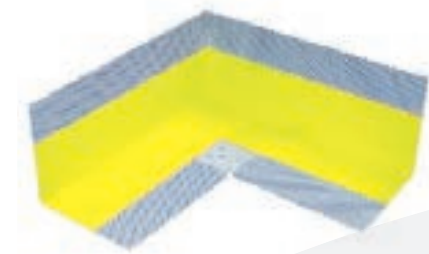
APPLICATION:

Special elastomer, reinforced on both sides with non-woven polyester, or made on white polyester mesh fabric. Accessories are used for additional sealing of pipe penetrations, tap outlets and drains in floors, and for the floor-wall connection.

They are necessary to ensure leaktightness when making waterproofing layers indoors and outdoors using WIM PŁYNNA FOLIA products. It has high tensile strength, is resistant to high temperatures and has good flexibility even at low temperatures.

SPECIFICATIONS:

DIMENSIONS
Corner 130 x 130 mm
Cuff 120 x 120 mm
Patch 400 x 400 mm



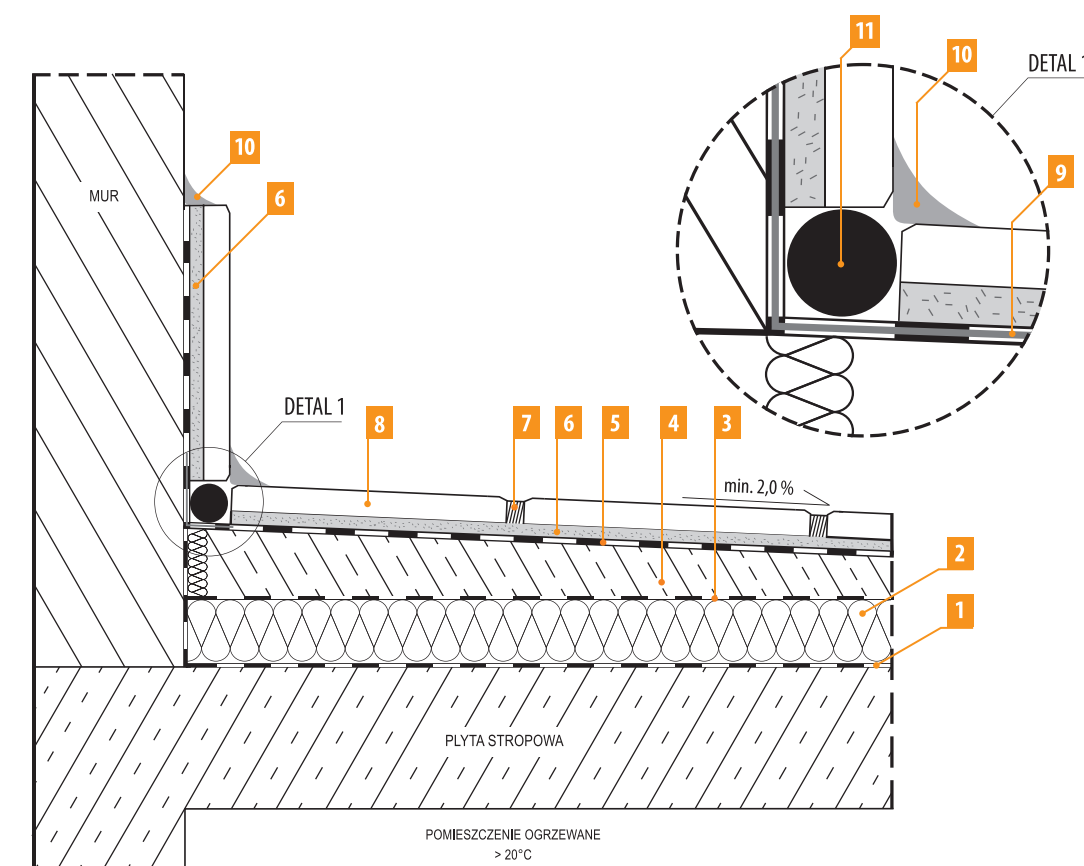
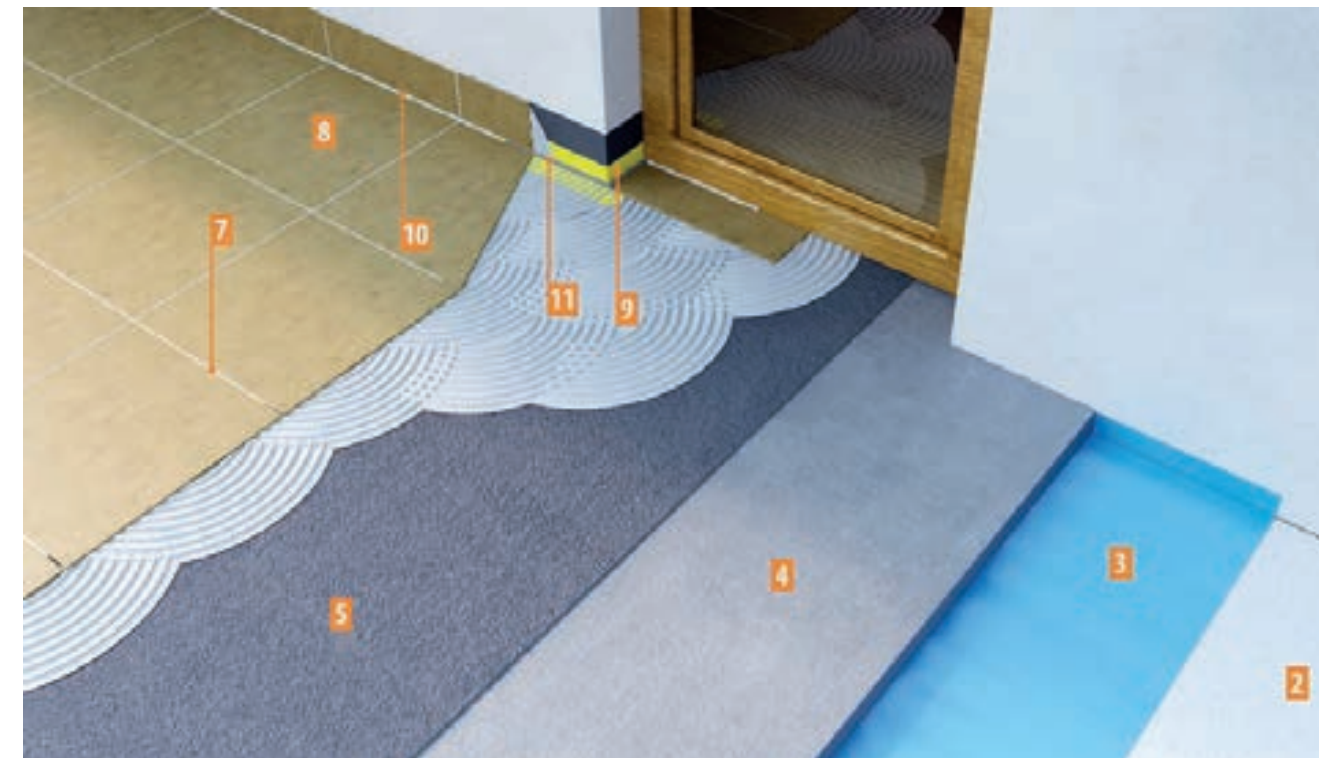
system solutions

TERRACE ABOVE A HEATED ROOM



TERRACE

- 1** Heavy bitumen insulation
- 2** Thermal insulation
- 3** Plastic dpc sheet
- 4** Protective screed with a decline – **WIM Posadzka Cementowa**
- 5** **WIMOLASTIC** – Waterproofing
- 6** Flexible adhesive mortar **WIM FLEX / FLEX WIM Samorozpływny / WIM SUPERFLEX S1**
- 7** Flexible grout **WIM FUGA / WIM BROKAT FUGA**
- 8** Ceramic tiles
- 9** **WIM FLEXBAND** (sealing tape)
- 10** **WIM Silikon**
- 11** Expansion joint backing



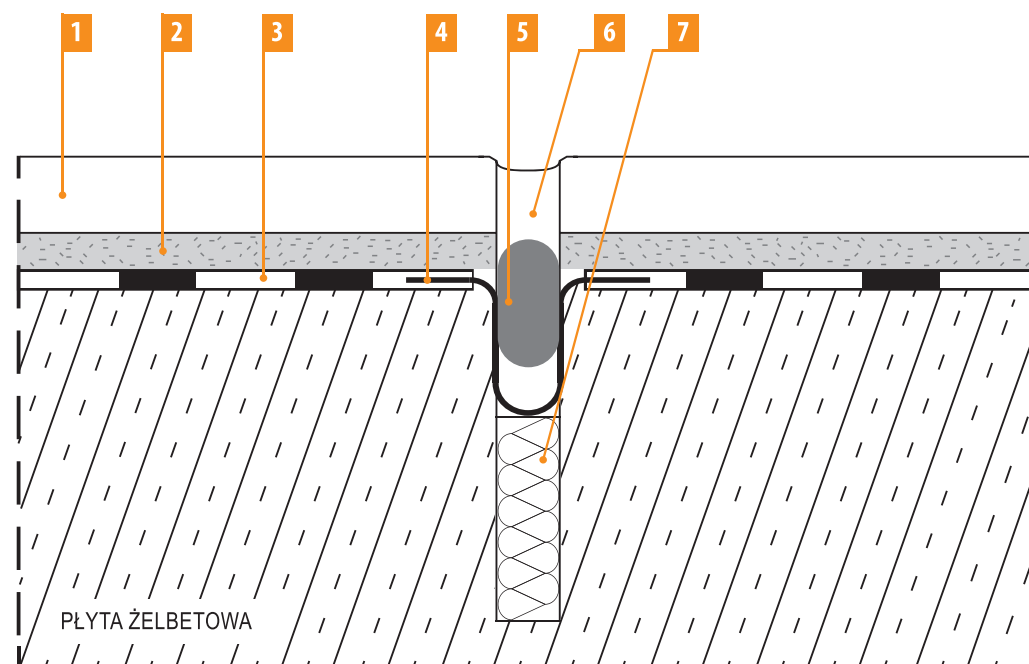
ATTENTION: The drawing is not to scale. When designing, adapt dimensions to actual conditions. The designer is responsible for the design and technical documentation of the adopted solutions. The solutions shown are used only as an aid for designing. The work should be carried out in accordance with good building practice and construction technique.

system solutions

EXPANSION JOINT ON THE TERRACE

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WATERPROOFING



- 1 Ceramic tiles
- 2 Flexible adhesive mortar **WIM FLEX / FLEX WIM Samorozpływny / WIM SUPERFLEX S1**
- 3 Waterproofing – **WIMOLASTIC**
- 4 Sealing tape – **FLEXBAND**
- 5 Expansion joint backing
- 6 **WIM SILKON** or **USZCZELNIAJĄCA MASA DYLATACYJNA**
- 7 Permanently flexible material – Styrofoam

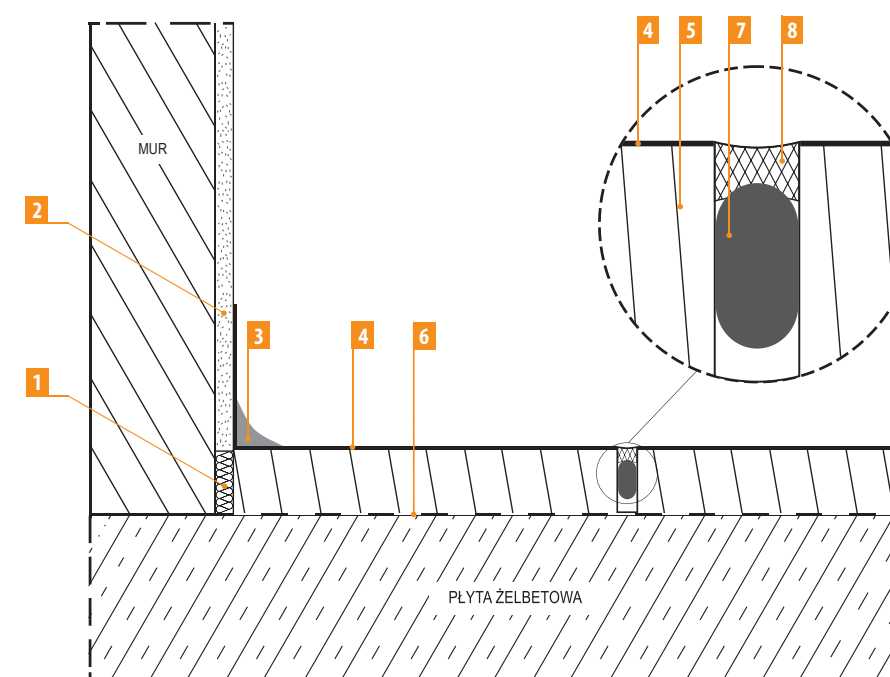
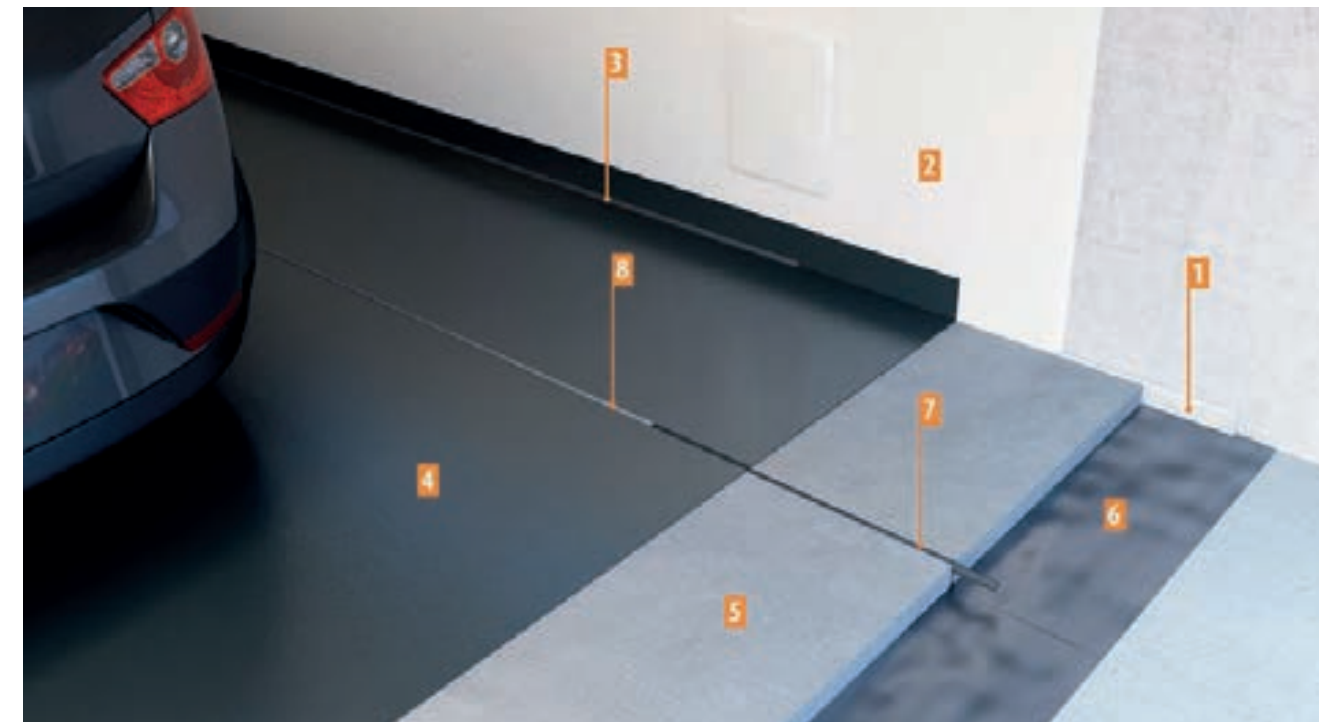
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system solutions

GARAGE AND TECHNICAL ROOM

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WATERPROOFING



GARAGE

- 1 Perimeter expansion joint.
- 2 Plaster
- 3 **WIM Silikon**
- 4 **Epoksydowa Posadzka Garażowa WIM** or **Epoksydowa Posadzka Garażowa WIM** + quartz sand
- 5 Floor screed **WIM Posadzka cementowa**
- 6 Plastic dpc sheet
- 7 Expansion joint backing \varnothing 6 mm
- 8 **Uszczelniająca Masa Dylatacyjna**

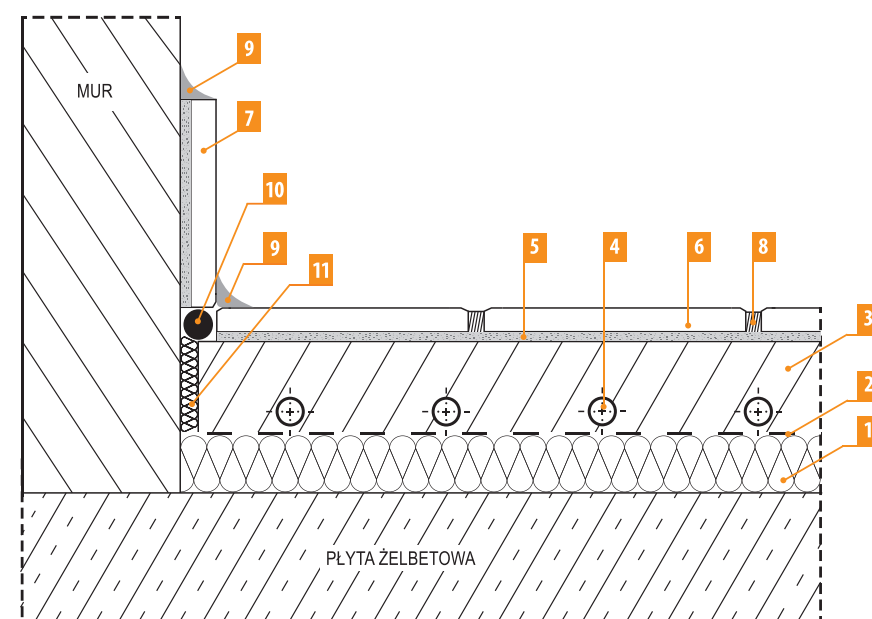
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system solutions

TRADITIONAL UNDERFLOOR HEATING



SITTING-ROOM



- 1 Thermal insulation
- 2 Aluminium foil
- 3 Heating screed
WIM Posadzka cementowa
- 4 Heating elements

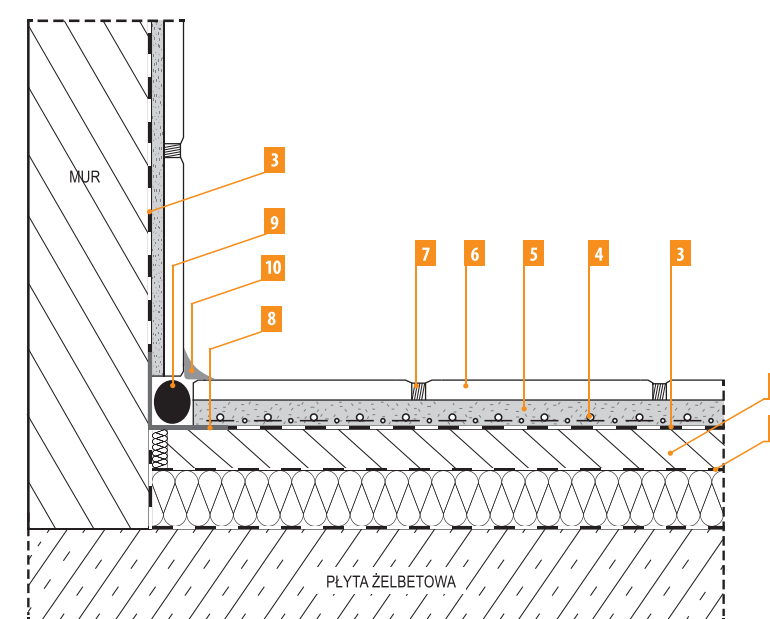
- 5 Flexible adhesive mortar **WIM FLEX / FLEX WIM Samorozpływny / WIM SUPERFLEX S1**
- 6 Ceramic tiles
- 7 Baseboard tile
- 8 Flexible grout **WIM Fuga / WIM Brokatfuga / WIM Epoxyd / WIM Diamond Grout**
- 9 **WIM Silikon**
- 10 Expansion joint backing
- 11 Peripheral expansion joint

system solutions

UNDERFLOOR HEATING – HEATING MAT



BATHROOM



- 1 Plastic dpc sheet
- 2 Bedding screed
WIM Posadzka Cementowa
- 3 Waterproofing – **WIM Płynna folia**
- 4 Electric Heating Mat

- 5 Flexible adhesive mortar **WIM FLEX / WIM FLEX Samorozpływny / WIM SUPERFLEX S1**
- 6 Ceramic tiles
- 7 Flexible grout **WIM Fuga / WIM Brokatfuga / WIM Epoxyd / WIM Diamond Grout**
- 8 **WIM Tasma Uszczelniająca**
- 9 Expansion joint backing \varnothing 6 mm
- 10 **WIM Silikon**

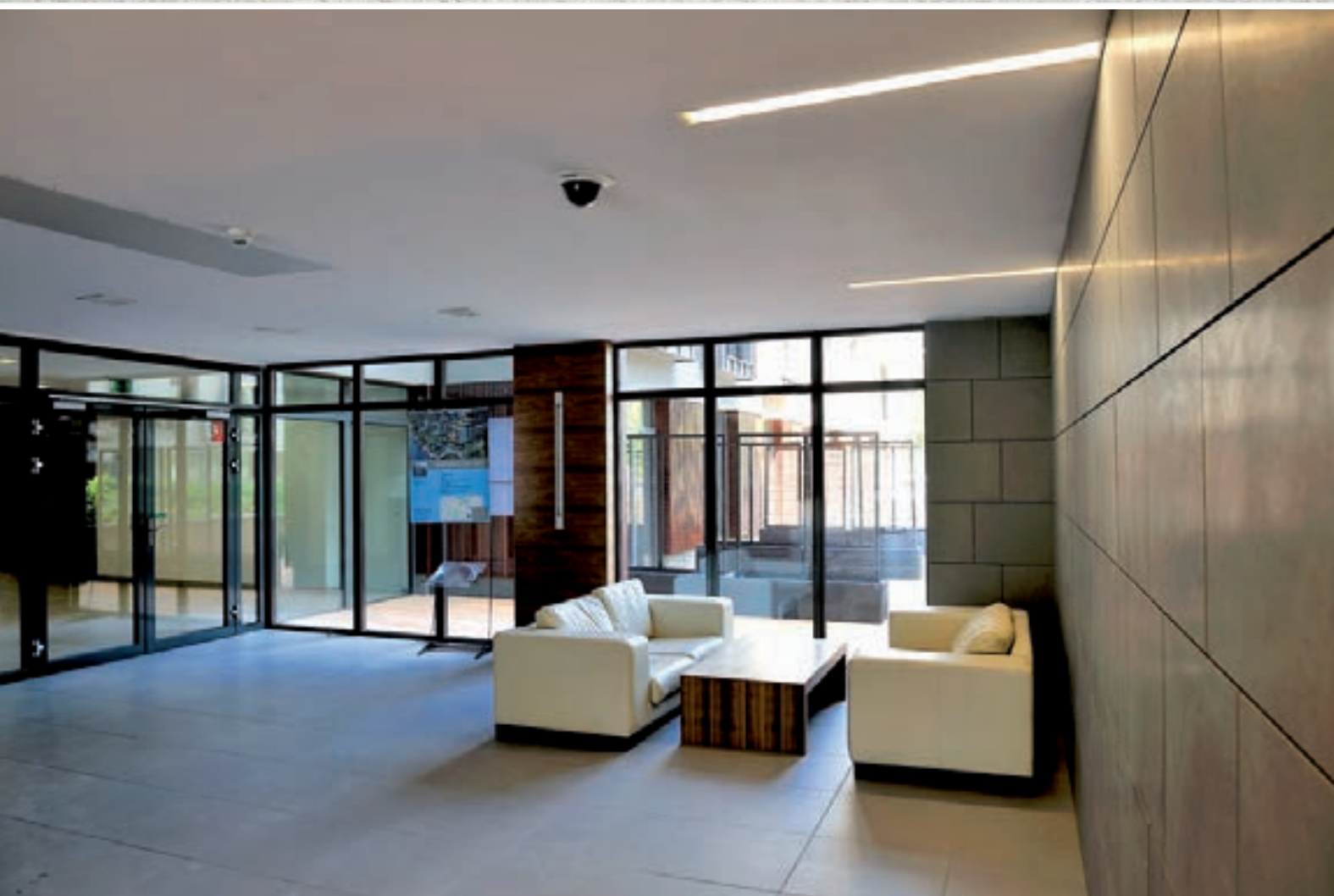
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Wrocław, Blue Angel Wings Apartments



Krakow, Honda showroom





WIM ŚRODEK GRUNTUJĄCY

DEEP PENETRATING PREPARATION FOR PRIMING AND REINFORCING ABSORBENT SUBSTRATES

- **Quick setting**
- **For walls, floors and ceilings**
- **Reduces absorption**
- **Improves adhesion**
- **Prevents dusting**



■ APPLICATION:

Intended for priming and reinforcing old and new over-absorbent surfaces. Reduces absorption of lime and gypsum plaster, drywall and anhydrite screeds, aerated concrete units, clay bricks and sand-lime bricks. Reinforces old, dusty surfaces and evens out the bonding time of adhesive mortars, fillers, levelling and self-levelling compounds. Recommended before the installation of floors and floor bases, mineral plasters and before painting. Suitable for priming chipboard and wood-based boards before gluing ceramic tiles. For indoor and outdoor use.

■ PROPERTIES:

It is a product made using the highest quality aqueous dispersion of acrylic resin. It has a great ability to penetrate, penetrates deeply into the surface, which strengthens it and evens out the absorption capacity over the entire surface. Prevents the absorption of excess moisture from mortar to the surface and allows for uniform binding rate as well as to obtain the appropriate strength parameters. It is characterised by rapid drying. Surface primed with the product improves the adhesion of adhesives, plasters and other mortars, and reduces paint consumption. After drying, the product is colourless.

■ BASE PREPARATION:

The base should be dry, clean and free from dust, grease and old paint. Remove dirt and layers with poor adhesion.

■ PREPARATION:

WIM ŚRODEK GRUNTUJĄCY is an emulsion ready for immediate use.
Do not combine it with other similar products. Dilution in the ratio 1:1 is allowed.

■ HOW TO USE:

The product is preferably applied undiluted with a brush, roller or by spraying as a thin uniform layer. For the first priming of strongly absorbent surfaces, an aqueous solution of the product in the ratio 1:1 may be used. After the first coat has dried, repeat the impregnation using undiluted product. Do not work in the rain and at temperatures below 5° C. The use of surface and subsequent stages of work such as painting, wallpapering, laying tiles or filling, etc., should be started after complete drying of the preparation, i.e. after about 2 hours after application.

■ CONSUMPTION:

Depending on the absorbency of the base. On average, consumption is 0.05 - 0.2 kg per 1m²

■ TOOL CLEANING:

Clean with clean water immediately after use.

■ STORAGE AND TRANSPORT:

The emulsion must be transported and stored in tightly sealed original containers, in temperatures above 5°C. Protect from freezing and overheating. The shelf life of the preparation is 12 months from the date on the package.

■ PACKAGING:

5 kg canisters

WIM ŚRODEK WZMACNIAJĄCO-GRUNTUJĄCY

PREPARATION FOR PRIMING OVERLY ABSORBENT SUBSTRATES

- Deep penetrating
- For gypsum and cement substrates
- Reduces absorption
- Improves adhesion
- Strengthens the substrate



■ APPLICATION:

Deep penetrating preparation intended for priming and reinforcing old and new absorbent surfaces. Reduces absorption of lime and gypsum plaster, drywall, anhydrite screeds and aerated concrete units. Reinforces old, dusty surfaces and evens out the bonding time of adhesive mortars, fillers, levelling and self-levelling compounds. Recommended before the installation of floors and floor bases as well as mineral plasters. It can be used in heated floor systems. For indoor and outdoor use.

■ PROPERTIES:

It is a product made using the highest quality aqueous dispersion of acrylic resin. It has a great ability to penetrate, penetrates deeply into the surface, which strengthens it and evens out the absorption capacity over the entire surface. This prevents excess moisture absorption from the mortar to the base. It also makes it possible to obtain a uniform binding rate and appropriate strength parameters. Surface primed with the product improves the adhesion of adhesives, plasters and other mortars, and reduces paint consumption. After drying, the product is colourless.

■ BASE PREPARATION:

The base should be dry, clean and free from dust, grease and old paint. Remove dirt and layers with poor adhesion.

■ PREPARATION :

WIM ŚRODEK WZMACNIAJĄCO-GRUNTUJĄCY is an emulsion ready for immediate use. Do not combine it with other similar products, dilute or thicken.

■ HOW TO USE:

Can be applied by brush, roller or by spraying a thin and even layer. Highly absorbent bases should be primed again by applying the product crosswise to the first layer. Do not work in the rain and at temperatures below 5°C. The use of surface and subsequent stages of work should begin no earlier than 6 hours after the application of the product.

■ CONSUMPTION:

Depending on the absorbency of the base. On average, consumption is 0.05 - 0.2 kg per 1 m².

■ TOOL CLEANING:

Clean with clean water immediately after use.

■ STORAGE AND TRANSPORT:

The emulsion must be transported and stored in tightly sealed original containers, in temperatures above 5°C. Protect from freezing and overheating. The shelf life of the preparation is 12 months from the date on the package.

■ PACKAGING:

5 kg canisters.

WIM GRUNT EPOKSYDOWY

TWO-COMPONENT EPOXY PRIMER FOR STRENGTHENING THE RESISTANCE OF CEMENT AND CONCRETE SUBSTRATES

- Increases abrasion resistance
- Creates a coating resistant to aggressive chemicals
- Impregnates concrete and reduces absorption
- Improves the adhesion of adhesives and epoxy coatings



■ APPLICATION:

Anhydrous reactive epoxy-based resin is used for priming and reinforcing weak mineral surfaces before the application of insulating coatings of all kinds, as well as mortars and cement-based adhesives. It is recommended for strengthening absorbent cement screeds and as a penetration agent for epoxy resin systems. The product increases the surface's resistance to abrasion and the effects of fresh and sea water, gasoline, oils, fats as well as many types of alkalis, acids and other chemicals. It can be used to impregnate the surface of concrete intended for direct use, for natural stone, brick and clinker.

■ PROPERTIES:

WIM GRUNT EPOKSYDOWY is a product with low viscosity.

It creates a two-component epoxy composition which when dried has an increased resistance to acids, bases and alkalis.

■ SPECIFICATIONS:

at 20°C and 65% humidity

Working temperature: from +10°C to +35°C

Ingredients: epoxy resin

Solvent: yes

Density: 0.94 g/cm³ (+/- 0.01 g/cm³)

Mixing ratio: Component A (resin) - 100 parts, Component B (hardener) - 20 parts

Weight ratio: 10 : 2

Method of application: brush, roller, spray, pouring

Work time: at least 2 hours after mixing

Number of required layers: from 1 to 2

Consumption

- As a primer - about 0.20 - 0.40 kg/m²

- As an impregnating agent - about 0.10 - 0.15 kg/m²

Interval between application of layers: at least 6 hours - maximum 48 hours

Full operational parameters: after 7 days

Cleaner: acetone

■ Notes on working conditions:

Efficient ventilation is required.

Work should be carried out at an ambient temperature of 18 to 25°C, relative humidity of maximum 80%. The area where work is to be held should be sectioned off and protected against the entry of bystanders, also setting up a protective zone before using open flames and, in particular, in case of welding work.

■ BASE PREPARATION:

The base must be mature, dry, clean and free from oily dirt and other substances that reduce absorption. It cannot be frozen. The base to be impregnated should be at least class B 15, power floated, sanded, free of bleeding water, degreased and free from dust. Concrete moisture must be maximum 4% and base temperature not lower than 10°C. Bituminous and asphalt bases are not suitable for coating. Glazed, sintered and smoothed surfaces should be sanded.

■ HOW TO USE:

Prior to the mixing of the two components, pre-mix them separately in their packaging. Next, add component B to component A. Mix using a low speed mixer. Mixing time - 3 minutes. After mixing, there should be no visible streaks. Apply this solution to the surface using a roller, brush or watering can. Spread to a thin, even layer, leaving no excess in recesses. Cover excess product on the surface with quartz sand. If the primer completely penetrates the base, prime it again. Do not impregnate non-absorbent surfaces.

In order to clarify details please contact our technical advisory services. If using the product contrary to the instructions, the manufacturer is not responsible for the quality of the protection made.

■ STORAGE AND TRANSPORT:

Store in cool and dry conditions at temperatures between +5°C to + 25°C. In original packaging, the product can be stored for a period of 12 months.

Observe the principles for the protection of health resulting from the safety regulations stated in the instructions. Information received from our employees beyond the scope of this technical data sheet requires written confirmation.



WIM ZAPRAWA WYRÓWNUJĄCA

LEVELLING CEMENT MORTAR

- Complies with PN-EN 998-1:2004
- For levelling the surface
- For walls and floors
- Layer thickness 5 - 40 mm
- Easy to apply
- Frost-proof and waterproof



■ APPLICATION:

WIM ZAPRAWA WYRÓWNUJĄCA is designed for local cavity filling and levelling the surface of the walls and floors, layer thickness from 5 to 40 mm, indoor and outdoor. It is recommended for use prior to laying ceramic tiles or other construction work such as pouring self-levelling compounds, plastering the walls before painting, etc. The use of levelling mortar before laying cladding reduces the use of adhesive mortars.

■ BASE PREPARATION:

WIM ZAPRAWA WYRÓWNUJĄCA can be used on all standard building surfaces such as cement plaster and cement-lime plaster, concrete, cement screed, brick and clay tile walls, concrete units and aerated concrete units. The surface on which levelling mortar will be applied must be sound, dry, clean and stable, compact, free from dust, dirt, and any other substances reducing adhesion (including old paint, residues of lime, grease and oil). It also cannot be frozen. After cleaning the surface, prime it with ŚRODEK GRUNTUJĄCY. Weak, very absorptive and dusty surfaces should be primed with ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY in accordance with the instructions.

■ HOW TO USE:

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using an electrical mixer to form a compound with uniform consistency without lumps. The mortar prepared this way should be used within 2 - 3 hours. The mortar is applied to the surface using a brick trowel or a smooth metal float. The minimum layer thickness is 5 mm and maximum thickness is 40 mm (in one cycle). Freshly applied mortar must be protected against intense sunlight, rain and freezing.

Waiting period before installing tiles on the levelling mortar applied depends on the thickness of the layer and ambient temperature. With layer thickness of 1 cm and a temperature of 20°C, this time is approximately 24 hours. Pouring self-levelling compound can be started after the mortar reaches moisture content below 2%.

■ SPECIFICATIONS:

For temperature of +23 °C (± 2) and humidity of 50% (±5)
 Ingredients: mixture of cements, mineral aggregates and modifying agents
 Working temperature (air and material): from +5 °C to + 25 °C
 Mixing ratio: 3.75 – 4.25 L of water: 25 kg of mortar
 Working time: about 2-3 hours
 Can be walked on: after about 24 hours
 Temperature resistance: from –30 °C to + 70°C
 Minimum thickness of mortar layer: 5 mm
 Maximum thickness of mortar layer: 40 mm

■ APPROXIMATE CONSUMPTION:

1.6 kg/m² per 1 mm of thickness.

■ TOOL CLEANING:

Using water directly after work. Hardened mortar should be removed mechanically.

■ STORAGE:

On pallets, in original and undamaged bags, in a dry place. Protect from moisture.

■ EXPIRY DATE:

12 months from the date on the bag.

WIM ZAPRAWA DO KLINKIERU

MORTAR FOR BUILDING AND POINTING FACE BRICK WALLS

- For building and pointing with face bricks
- Reduces the risk of efflorescence
- Vapour permeable
- Frost-proof and waterproof
- Resistant to weather conditions
- Flexible
- Contains trass

■ APPLICATION:

Mortar for building face brick walls while also grouting, allowing for maintaining a uniform colour. It is also suitable for building walls with subsequent grouting using the selected mortar. The product is also recommended for connecting sand-lime bricks and clay bricks. It is suitable for building façade walls of houses and making ornamental pillars and walls.

■ PROPERTIES:

The mortar is made on the basis of specially selected recipes reducing the risk of efflorescence. It contains trass. It has very good workability, high adhesion and high stability of stacked bricks. After binding, the product is frost- and water-resistant and has increased waterproof properties and resistance to mechanical stress. In addition, the mortar is vapour permeable and resistant to harsh weather conditions. It hardens without cracking.

■ WORKING PRINCIPLES:

Bricks for masonry should be dry, clean, free of dust and cannot be frozen. During warehousing and storage, they must be thoroughly protected from rain and moisture. The wall constructed must be protected against moisture due to capillary rise of water. During the work, protect the wall, façades or other elements constructed against soaking, by covering them with foil. The same applies in case of excessive sunlight. High temperatures and strong winds cause too rapid evaporation of moisture from the mortar which contributes to the weakening of the bond. During the masonry work, bricks from different pallets should be mixed to compensate for any differences in colour. Brick contamination should be cleaned immediately with clean water. After completion of the work, secure the façades from precipitation for at least 5 days. Once the mortar is dried and bound, and in the absence of visible discolouration, the entire structure can be covered with an impregnating agent for face bricks.

■ MORTAR PREPARATION:

Dry mortar should be poured into an appropriate amount of clean water and mixed thoroughly using a drill with an agitator or in a mixer to create a uniform compound. Wait about 2 - 3 minutes, check the consistency and mix again briefly. If necessary, adjust the amount of water added. In order to maintain a uniform colour of joints, mix the subsequent portions of mortar with the same amount of water.

■ HOW TO USE:

Apply the mortar with a trowel on previously installed bricks in accordance with good building practice. Then, lay subsequent bricks on fresh mortar. This should be done with extreme care whilst also making sure that bricks have good contact with the mortar and the adjacent bricks. Collect excess mortar escaping from joints with a trowel. Joint width of 10 mm is recommended. Even and smooth the joints before mortar binds using a tool for smoothing wide joints or a piece PVC hose or hard rubber. Avoid contamination of the wall surface with mortar. After initial drying of mortar (depending on the temperature, after 4-8 hours), its loose and unbound portions should be removed from the wall surface with a dry brush. Any hard to remove dirt on bricks with already hardened mortar can be removed using WIM Preparat do czyszczenia zabrudzeń cementowych. The formulation should be used just on the stain spots. Do not apply directly onto the joint.



■ SPECIFICATIONS:

at temperature of +20°C and humidity of 65%
Amount of added water: about 3 L per 25kg bag
Working temperature (air and material): from +5°C to +30°C
Working time: about 2 hour
Use temperature: -25°C to +70°C
Minimum thickness of mortar layer: 6 mm
Maximum thickness of mortar layer: 40 mm
Density of mortar in dry state: about 1650 kg/m³
Compressive strength after 28 days: > 12 MPa
Flexural strength after 28 days: > 4 MPa

■ CONSUMPTION:

Depending on the dimensions of the materials to be joined, the width and thickness of the mortar layer, but also on the preparation of the base and accuracy of work.
Wall thickness 6,5 cm Consumption per m² of wall: 14 kg
Wall thickness 12 cm Consumption per m² of wall: 38 kg
Wall thickness 25 cm Consumption per m² of wall: 96 kg

■ CLEANING:

Remove fresh mortar immediately from the surface of the bricks and wash with clean water.

■ PACKAGING:

25 kg paper bags.

■ STORAGE:

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ EXPIRY DATE:

12 months from the date on the bag.

■ ATTENTION:

Depending on the amount of water added, the absorbency of bricks, the temperature and other weather conditions, the resulting joint colour may differ from that in the colour chart.

WIM ZAPRAWA DO KLINKIERU

1/12 TYTANOWA

1/13 SZARA

1/14 ANTRACYTOWA

1/45 CEGLASTA

1/44 CZEKOLADOWA

2/00 PIASKOWA





WIM WYLEWKA

SELF-LEVELLING CEMENT COMPOUND

Self-levelling cement screed for levelling substrates.

- From 2 to 10 mm
- CT-C16-F5 classification according to PN-EN 13813:2003
- For levelling substrates
- For wooden floors
- For PVC flooring and flooring panels
- For ceramic tiles and natural stones

■ APPLICATION:

Self-levelling mortar for manual installation of screed indoors. Recommended for levelling the floor before laying ceramic floor tiles, wood flooring, laminate and wood laminate flooring, carpet and PVC. It can be used on most common surfaces, such as concrete, cement screed or anhydrite screed. The compound is applied in a single layer with a thickness of 2 - 10 mm. The mortar is not intended as a final layer for walking on. It is also not recommended as a subfloor for installation of wood flooring with long wood strips or made of exotic wood.

■ BASE PREPARATION:

The base must be dry, porous, consistent, and free of dust, grease, and other contaminants and cannot be frozen. Dirt and lime efflorescence from bleeding water must be sanded down and dust thoroughly removed. Recesses in the surface of more than 10 mm and possible cracks should be repaired first. Insert PU packing cord into expansion joints in the floor and fill with flexible compound or fill the joint with special joint mortar. The route of the expansion joint should be marked so that after pouring the mortar it can be visible again after cutting the mortar. A cleaned and repaired surface should be primed with ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY.

PRIMING AND WORKING CONSISTENCY OF THE SCREED DEPENDS ON THE TYPE OF BASE

Base type	Number of layers when priming	Recommended amount of water for mixing the contents of a 25 kg bag WIM WYLEWKA
Very absorbent lightweight concrete, absorbent floor screeds	2-3	4,4-4,5
Medium absorbent ordinary smoothed concrete, screed, anhydrite screeds	2	4,3-4,4
Low absorbent machine-smoothed concrete	1	4,25-4,3

■ HOW TO USE:

Prepare the mortar consistency by gradually adding the contents of the 25 kg bag to about 4.25 - 4.5 litres of water in the mixing container while stirring by means of an electric stirrer. Mix the mortar for about 2 - 3 minutes until obtaining a homogeneous, semi-solid compound. When performing work at high temperatures or for a more liquid consistency, you can increase the amount of water added by 0.25 L. The compound is ready to use after approximately 5 minutes after mixing with water. After steadily pouring mortar onto the surface, spread it to the required thickness with a notched trowel and keep removing entrapped air with a roller with spikes, which also helps in aligning the level. Air and surface temperature during application and during curing should be from +5°C to + 25°C. Freshly poured mortar must be protected for at least 24 hours against rapid drying and the effect of very high temperatures (draft, strong sunlight, heat radiation from heaters, etc.).



■ SPECIFICATIONS:

For temperature of +23°C (± 2) and humidity of 50% (±5)
Amount of water added for mixing: approx 4.25 - 4.50 L of water per 25 kg of mortar
Minimum layer thickness - 2 mm
Maximum layer thickness - 10 mm
Workability time - approximately 30 minutes
Working temperature and floor temperature - from +5°C to +25°C
Can be walked on - after about 10 hours
Possibility of laying ceramic tiles - after 3 days
Possibility of laying wood flooring, laminate and PVC flooring and carpet - after about 7 days
Adhesion to the ground - at least 0.5 MPa

■ CONSUMPTION:

About 1.5 kg of dry mortar per 1 m², for each 1 mm of thickness.

■ DRYING/USE:

The surface can be walked on after approximately 10 hours after application. Before the scheduled tiling, the length of seasoning is at least 7 days. Under nominal conditions, the self-levelling mortar dries to a uniform moisture level 1 mm of thickness per day. Only after complete drying can final floor covering be installed on the mortar (PVC, floor covering, floor tiles, other coatings, etc.).

■ ATTENTION:

It is forbidden to add sand, cement and other impurities to the mortar, or to sieve the mixture. Work exclusively in ground and air temperature of +5°C to +25°C!

■ STORAGE AND TRANSPORT:

The product must be transported and stored in tightly closed packaging, in dry conditions. Protect from moisture (maximum allowable humidity 75%).

■ EXPIRY DATE:

12 months from the date on the bag.

WIM POSADZKA CEMENTOWA

CEMENT MORTAR FOR FLOORS AND FLOOR BASES

- From 10 to 60 mm
- For binding to the substrate
- On the separating layer
- As a floating floor
- For indoor and outdoor use

■ APPLICATION:

For hand or machine installation of cement floors and floor bases under any finish such as ceramic tiles, wood, self-levelling compound, etc. The mortar is intended for use particularly where there are requirements for increased load resistance (floors in garages, warehouses, halls, workshops).

WIM POSADZKA CEMENTOWA is mainly used in the implementation of new floors, but can also be used for indoor and outdoor renovation, including terraces and balconies, to create a protective layer and a sloping layer.

Can be used in conventional flooring systems:

1. Combined with the existing mineral base, minimum layer thickness of 20 mm (for spot repairs, minimum thickness of 10mm)
2. On a separating layer (film, bitumen felt) laid on a firm base - minimum layer thickness of 35 mm
3. Floating, on thermal or acoustic insulation - minimum layer thickness of 40 mm
4. In a heated floor system - thickness of the monolithic heating layer at least 45 mm, including the minimum thickness of the layer of mortar above the upper edge of the heating element - 25 mm.

Use of the mortar in low temperatures.

It is permissible to carry out work at temperatures lower than +5°C, using the mortar, under the condition of adding a special anti-freezing admixture allowing for proper binding and maturation. Follow the instructions of the admixture manufacturer regarding the adjustment of the amount of water added and working conditions.

The anti-freezing admixture is dosed in proportion to the cement content in the mortar, which in WIM POSADZKA CEMENTOWA is 1:3 (cement : fillers). Attention: mortar manufacturer is not liable for the consequences of use and the quality of anti-freezing admixture used.

■ BASE PREPARATION:

Proper base preparation depends on the selected structural floor system, but it must always be strong and stable.

- Composite floor - the base must be free of dust, dirt, lime, oil and other substances reducing adhesion, and cannot be frozen. Remove parts of the layer with low quality and loose particles. Excessively absorbent bases must be primed with WIM ŚRODEK WZMACNIAJĄCO GRUNTUJĄCY using one or two layers. The mortar can be spread after the primer dries, but not earlier than 6 hours after finishing its application.
- Floor on the separating layer and a floating floor - precisely spread the layers of a suitable floor structural system (thermal or acoustic insulation, film or bitumen felt). Ensure proper placement of the flanking strip, thin strips of polystyrene or profiles by the walls and by other elements in the floor (pillar, stairs, etc.)
- Heated floor - follow the recommendations of the manufacturer of the selected heating system. Observe in particular the spacing of expansion joints of heating sections and proper thickness of the entire layer and the minimum thickness above the heating tube or line. Other comments as in the paragraph above.

■ HOW TO USE:

Into the measured amount of clean, cool water, pour the contents of the bag and mix thoroughly using a drill with an agitator to form a compound with uniform consistency. It is recommended, however, to mix in a mixer or a flow mixer. The ratio of water should depend on the desired consistency, intended use of the mortar, type of base and atmospheric conditions. The mortar is ready to use immediately after mixing and should be used within approximately one hour. **Attention:** Inadequate amount of water, especially too much water, will reduce the strength parameters of the floor or floor base.

The work should be carried out in accordance with good building practice and construction technique. In particular, observe the rules for implementing expansion joints. All existing expansion joints in the base must be transferred and restored in the new base layer. Expansion areas shall have a maximum area of 9-16 m² outdoor and 25-36 m² indoor, whereas none of the sides of the area should exceed a length of 5 m. Also, make sure that expansion areas have adequate proportions i.e. the longer side has a length equal to at the most two lengths of the shorter side. Heating screed should be divided into areas not greater than 20 m².

Also, create peripheral expansion joints around walls and columns (about 1cm thick) and in the thresholds of the rooms.

For achieving a uniform layer thickness and an even base surface, and in order to properly spread out the compound, install temporary wooden or metal strike boards. They must be set perfectly level to each other and must provide a minimum layer thickness for the selected floor or floor base system. The prepared compound should be placed on the base and compacted by vibrating with straight edges or by shaking it and compacting with a float. Excess mortar should be removed over the guides, using zigzag motion, with a straight edge. After about 3 hours, gently remove the boards, fill these spaces and using a float, you can



begin to trowel and smooth the entire surface. Plan the location of expansion joints depending on the size, shape and intended use of the surface. The completed surface should be kept moist for 2 - 3 days. Protect it from too intense sunlight, too rapid drying, drafts, rain and local drying caused, for example, by heat from the heating device in the room. To ensure proper conditions for drying and curing, sprinkle the surface with water or cover with foil. The drying time of the primer or floor depends on the layer thickness, temperature and compound consistency adopted earlier.

The use of the surface by walking on it is possible after 24 hours, and application of loads after about 14 days. Laying ceramic tiles can be started after 5-7 days. Installation of wood and vinyl flooring can be done when the base is completely dry (minimum humidity 2%). Accurately check the final moisture content using a moisture meter.

Stabilisation of size, moisture and strength parameters should take about 3 - 4 weeks.

This information constitutes basic guidelines for the use of the product and does not relieve users from responsibility for performing work in accordance with good building practice and safety regulations.

■ SPECIFICATIONS:

for temperature of +23 °C (± 2) and humidity of 50% (± 5)
 Ingredients: mixture of cements, mineral fillers and modifying agents
 Maximum diameter of aggregate: 3.0 mm
 Mixing ratio: about 0.08 - 0.15 L of water for 1 kg of mortar
 about 2.00 - 3.75 L of water for 25 kg of mortar

Working time: about 1 hour

Working temperature (air and material): from +5 °C to + 25 °C

Temperature resistance: from - 20 °C to + 60°C

Can be used / walked on: after 24 hours

Minimum thickness of mortar layer: 10 mm (depending on the intended use and selected structural system)

Compressive strength: ≥ 30 N/mm²

Resistance to bending: ≥ 5 N/mm²

Abrasion resistance: A 12

Weight of dry mortar: 1600-1850 kg/m³

Efficiency: about 2000 kg/m³

The product meets the requirements of PN-EN 13813 as type CT-C30-F5-A12

■ CONSUMPTION:

The average consumption is about 20 kg of mortar for 1 m², for each 1 cm of layer thickness.

■ TOOL CLEANING:

Using water directly after work. Hardened mortar should be removed mechanically.

■ PACKAGING:

25 kg paper bags.

■ STORAGE and TRANSPORT:

On pallets, in original and undamaged packaging, in a dry place. Protect from moisture.

■ EXPIRY DATE:

12 months from the date on the bag.



Katowice, State Fire Service • Łódź, Dąbrowski Square

EPOKSYDOWA POSADZKA GARAŻOWA

WATER-SOLUBLE EPOXY COATING

- **High resistance to abrasion**
- **Increases the thermal resistance of substrates**
- **Vapour permeable**
- **Easy to apply**
- **Can be used on slightly damp surfaces**
- **Does not contain solvents**

■ **APPLICATION:**
Epoksydowa Posadzka Garażowa is designed for making protective paint coats on mineral surfaces (such as concrete, mortar and cement screeds, self-levelling compounds, etc.) in places with intense mechanical loads caused by intense pedestrian traffic and traffic of vehicles on rubber tyres. It is especially recommended for use in garages, parking lots, basements, technical rooms, industrial buildings and warehouses, etc. It can be applied in smooth or course (non-slip) version. For indoor and outdoor use, for horizontal and vertical surfaces.

■ **PROPERTIES:**
Epoksydowa Posadzka Garażowa is a through-dyed, two-component, water-dispersible epoxy paint designed to protect mineral surfaces. It is easy to apply, has a very high adhesion to concrete and high resistance to abrasion. After curing, the surface is durable, aesthetic and easy to keep clean.

■ **BASE PREPARATION:**
Epoksydowa Posadzka Garażowa can be used on clean, sound and load-carrying bases: concrete (minimum grade C-20, age over 3 months), cement screeds (strength ≥ 20 MPa, age over 28 days), suitably durable levelling screed and Portland cement plaster. All surfaces must be clean, dry and free from dust, grease and loose dirt. Old paint, bleeding water and any other substances that reduce adhesion must be removed. Relative humidity of the surface may not exceed 10%.

■ **HOW TO USE:**
Before using, mix the component A (resin) thoroughly. Pour a weighed batch of component A into a mixing container, add the appropriate amount of component B (hardener) according to the specified ratio. Next, mix using an electric stirrer (300 to 600 rev/min) to obtain a uniform colour mixture (about 3 minutes). While stirring, collect the compound from the sides and the bottom of the container. Pour the paint into a clean container and stir again briefly. For the first paint coat (a method of priming), thin the paint with 5-10% of water. Apply to the prepared surface using a brush or roller, spreading evenly in a thin layer. After curing of the first layer (about 12 hours), you can apply another coat of paint, this time without diluting with water. In order to obtain a non-slip surface, the still fresh first layer should be covered with quartz sand with grain size 0.4 mm to 0.8 mm. Once bound, sweep the excess sand and lightly sand the surface to remove loose grains of sand, and then vacuum the surface. Apply another layer of paint to the surface prepared this way. The operation can be repeated to obtain a satisfactory result.

■ **ATTENTION**
Painting should be carried out at ambient temperature of +120C to +300C, relative humidity of maximum 80%. All flooring materials must be seasoned at least 24 hours in the room or under conditions in which the floor will be installed. The base temperature cannot be lower than 120C, and must be at least 30C above the dew point. All data refer to temperature of +200C and relative humidity of 60%. In other conditions, take into account the faster or slower hardening of material. The area where work is to be held should be sectioned off and protected against the entry of bystanders, also setting up a protective zone before using open flames and, in particular, in case of welding work. Efficient ventilation is required. More information about the product can be found in the data sheet. In addition to the above recommendations, work should be carried out in accordance with good building practice and safety regulations. In case of doubt, please contact the technical department of WIM Sp. z o.o. or make your own tests before use.

■ **SPECIFICATIONS:**
Mixing ratio (by weight): 100 parts of component A to 24 parts of component B
Bulk density after mixing: 1.32 g/cm3
Viscosity A (Ford cup \varnothing 6 mm): 72 s
Use time after mixing: about 30 minutes



Drying time to 30 (thin layer): 7 hrs.
Applying the next layer: after 12 hours
Foot traffic: after 12 hours
Full operational parameters: after about 6 days
Scratch resistance after 6 days: 250 (Clemen tester)
Abrasion resistance: 133.4 mg (H-22 rings, 1000g load, weight loss after 500 cycles)

■ **CONSUMPTION:**
0.15-0.5 kg/m² per 1 layer
TABLE OF CONSUMPTION

LAYER	LAYERS AND CONSUMPTION SYSTEM
Paint coat - smooth	1. Priming coat - 0.25 kg/m ² (component A+B) 2. Seal coat - 0.25 kg/m ² (component A+B)
Paint coat - non-slip	1. Priming coat - 0.30 kg/m ² (component A+B) 2. Quartz sand sprinkle - 2.5 kg/m ² 3. Seal coat - 0.50 kg/m ² (component A+B)
Paint coat - risers, ceilings	1. Priming coat - 0.15 kg/m ² (component A+B) 2. Seal coat - 0.20 kg/m ² (component A+B)

Data provided in the table are approximate and may change depending on water absorption, porosity and smoothness of the surface.

■ **TOOL CLEANING:**
Immediately after work with warm water.

■ **PACKAGING:**
3 kg set (component A – 2.43 kg + component B – 0.57 kg).
5 kg set (component A – 4.05 kg + component B – 0.95 kg)

■ **STORAGE AND TRANSPORT:**
The product should be stored and transported in original, tightly closed containers in a dry and ventilated conditions at a temperature from +5oC to +25oC. The shelf life is 9 months from the date on the package.

YouTube www.youtube.com/user/WIMspzoo



EPOKSYDOWA POSADZKA GARAŻOWA

IDEAL FOR GARAGES IN DETACHED HOUSES



Smooth or non-slip surface, available in colours:

- 1/13
- 1/14
- 1/32
- 1/44





GŁADŹ SZPACHLOWA WYKOŃCZENIOWA SUPER BIAŁA

- Made with natural materials
- Super white
- Perfectly smooth surface without polishing
- Resistant to scratches
- High adhesion to the substrate
- Easy to sand
- Does not delaminate



■ APPLICATION:

Gładź Szpachlowa Wykończeniowa is a high quality material designed for the preparation of wall and ceiling surfaces before painting, wallpapering, etc. It is used for final finishing of even mineral surfaces, such as cement plaster, cement-lime plaster, concrete walls and plasterboard.

The use of Gładź Szpachlowa Wykończeniowa allows for achieving very smooth surfaces. It is also ideal for eliminating unwanted roughness and unevenness in machined surfaces. It is designed for indoor use.

■ PROPERTIES:

Gładź Szpachlowa Wykończeniowa is a ready-to-use dry mix based on natural anhydrite, selected mineral fillers and components improving plasticity and rheology of the grout. It is characterised by extremely white colour, good workability, good adhesion to various surfaces, ease of application, spreading and grinding, as well as high smoothness, which forms a perfect base for painting or wallpapering. It is an organic material, eco-friendly and having a positive impact on health and well being.

■ SUBSTRATE PREPARATION:

The surface for the application of plaster must be stable, even and clean, free of dust and grease. Remove old oil paint, emulsion paint, etc. Prime the surface in order to strengthen it and reduce its absorbency. All steel parts in contact with the mortar shall be protected against corrosion. Do not apply the plaster on walls subject to contamination by moisture and in areas with constant humidity over 70%.

■ HOW TO USE:

Gradually pour the plaster into a container with water, waiting for it to become wet (about 3 minutes). Next, manually or mechanically mix everything well to a smooth consistency. Spread the prepared compound on the surface using a metal float, strongly pressing to the surface. If necessary, smooth the layer using the same float. After the application and drying of the compound, any unevenness can be removed by sanding using a mesh or sandpaper. Inaccuracies may be thinly plastered again and then sanded to achieve the desired effect. During the drying process, avoid direct sunlight and drafts, and provide proper ventilation and airing of the premises. Painting or wallpapering can start after plaster sets and dries completely.

■ SPECIFICATIONS:

Consumption: approx 1 kg/m²/ per 1mm of layer thickness
 Mixing ratio: approximately 0.34 L of water for 1 kg of dry mixture (8.5 L of water per 25 kg bag)
 Start of setting: at least 120 minutes
 Ready to use: 150 minutes
 Adhesion: ≥ 0.5 MPa
 Compressive strength: 9 MPa
 Resistance to bending: 3 MPa
 Working temperature +5 °C to +30 °C
 Layer thickness: 0-3 mm
 Reaction to fire: A1
Product meets the requirements of PN-EN13279-1-B1/20/2

■ PACKAGING:

25kg paper bag.

■ STORAGE AND TRANSPORT:

Store the product in unopened and undamaged bags on pallets in a dry place. Do not allow the product to get wet.

■ EXPIRY DATE:

12 months from the date on the bag.



WIM ODŚWIEŻACZ DO FUG

PREPARATION FOR REFRESHING AND RENOVATING OLD CEMENT GROUTS

- Restores original and fresh colour of old grout
- Allows to change the current colour
- Eliminates discolouration
- Compensates for differences in colour
- Reduces absorption
- Easy to clean
- For use on walls and floors



■ APPLICATION:

Grout refresher is a ready-to-use polymer preparation designed to restore the appearance of old cement grout. By covering their surface with a special coating in the right colour, you can renew the colour of the grout, cover difficult to remove dirt, eliminate differences in colour, eliminate spots and blemishes, or give the grout a new colour.

■ PROPERTIES:

Grout refresher is a special polymer preparation based on acrylic resins used to coat the surface of old grout indoor, on walls and floors. It has a consistency which is easy to apply and a great ability to mask imperfections of old grout. After application and drying the Grout Refresher is resistant to water, household cleaners, abrasion and fading when exposed to light.

■ CONSUMPTION:

Consumption of the preparation depends on the size of the tiles and the width of the joint. A 160 g package of the product can cover approximately 15m² of cladding made of ceramic tiles 30x30 cm with a width of 4 mm.

■ HOW TO USE:

Joints, on which the grout refresher is to be applied must be dry and thoroughly cleaned from dust, grease, lime and salt efflorescence, and other substances reducing adhesion. Before using the container with the product should be shaken vigorously so that its contents mix thoroughly to a uniform consistency. Next, place the container's applicator by the surface of the grout, press lightly and after the preparation comes out from the container spread it with the applicator to a uniform layer on the surface of the grout. To obtain a satisfactory effect, it is usually sufficient to apply one layer, however, if necessary, especially when applying a bright colour refresher on dark grout, the procedure can be repeated. 40 minutes after the application of the refresher, after it penetrates into the joint and after its initial setting, you can proceed to remove excess product from the edges of tiles. Wipe off excess refresher from the edges of tiles with a rough sponge. Do so using a circular motion and not along the joint. Before using, the sponge should be moistened with water. Ceramic lining, on which grout refresher was used, can handle light foot traffic after 2 hours. Application of full load on such lining, including washing with water, is possible after 24 hours.

■ SPECIFICATIONS (at 20°C)

Working temperature: + 5°C to + 30°C
Consumption: approximately 3 - 5 m² from a 160 ml container
Tile cleaning: after 2 - 4 hours
Full strength: after 2 days
Packaging: 160 ml
Colour: available in the WIM range of colours

■ STORAGE AND TRANSPORT:

Product should be stored in a dry place at a temperature of +5°C to +30°C in tightly closed containers, for 24 months from date of manufacture.

■ ATTENTION:

Grout refresher should not be used for places with continuous contact with water (e.g. swimming pools). The preparation should not be used with porous, absorbent tiles, and tiles with a surface which makes it impossible to remove excess product. If in doubt, perform a cleaning test before application.

PREPARAT DO CZYSZCZENIA ZABRUDZEŃ CEMENTOWYCH

ACID-BASED PREPARATION FOR REMOVING CEMENT DIRT

- Dissolves cement dirt
- Removes white calcium carbonate efflorescence
- Washes away the remnants of grout dye from tiles
- Does not damage joints
- Disinfectant



■ APPLICATION:

Preparation based on organic acid for removing cement and lime bloom. Effectively dissolved residues of cement adhesive mortars and grouts as well as and efflorescence appearing on the surface of joints and ceramic tiles. Recommended for cleaning newly laid ceramic tiles as well as for heavily soiled old tiles.

■ PROPERTIES:

- Dissolves dirt from cement and calcium carbonate efflorescence.
- Removes grout residue from tiles.
- Does not damage joints.
- Restores a fresh look to old joints.

■ HOW TO USE:

Cleaning newly laid tiles. This operation can be carried out after at least 3 days. Wet the joint well in the plane of the tiles cleaned. Dilute the product with water in 1:5 ratio and apply it, for example, with a brush. Leave it for about 5 minutes. Wash away dirt using a sponge or brush. In case of strong dirt, cleaning should be repeated or use the product undiluted. Wash off with plenty of water. Cleaning efflorescence and old dirt. Apply the product undiluted, on vertical surfaces quickly foam the preparation by scrubbing and leave for a few minutes. During approximately 15 minutes, scrub firmly several times. Wash off with plenty of water. If necessary, repeat the procedure. Daily cleaning. Dilute the product with water in 1:10 ratio and apply it, for example, with a brush. Leave it for a moment. Wash away dirt using a sponge or brush. In case of strong dirt, cleaning must be repeated. Wash off with plenty of water.

■ CONSUMPTION:

Depends on the degree of dilution and intensity of contamination, about 10 - 20 m² from the package.

■ INGREDIENTS:

Organic acid, surfactants.

■ PACKAGING: 1 L

■ STORAGE AND TRANSPORT:

The product must be transported and stored in tightly sealed original containers, in dry conditions at temperatures above zero Celsius. Protect from freezing and overheating. The shelf life is 12 months from the date on the package.

■ COMMENTS:

Not suitable for marble and other acid-sensitive materials. In order to verify the resistance, carry out a test on an concealed section. Protect from freezing.

PREPARAT DO IMPREGNACJI PŁYTEK I KLINKIERU

SILICON PENETRATING SEALER FOR WATERPROOFING STONE, EXTERNAL FACING TILES AND CONCRETE

- Creates a breathable protective layer
- Resistant to weathering and UV rays
- High resistance to alkalis
- Preserves the natural colour of the protected material
- Dries quickly to non-adhesive form
- Reduces the tendency of mineral surfaces to attract dirt



■ APPLICATION:

Silicon penetrating sealer is a high quality general purpose waterproofing agent and primer for use on mineral surfaces, including highly alkaline surfaces. It is designed for waterproof penetration of absorbent and porous mineral surfaces such as concrete, mineral plaster, sand-lime walls, brickwork, aerated concrete, brick tile, natural stone and synthetic mineral-based cladding (sandstone and unpolished marble and granite) as well as paving stone. It is also recommended for waterproofing industrial buildings, residential buildings, fences and as a product for the preservation of monuments.

■ PROPERTIES:

- Good penetration
- Forms a protective layer with excellent resistance to atmospheric agents and UV radiation, and high resistance to alkalis
- Hydrophobic, retains vapour permeability properties of the base
- Retains the natural colour of the material treated, making it delicately brighter
- Dries quickly to non-adhesive form
- Reduces the tendency of mineral surfaces to attract dirt.

■ BASE PREPARATION:

The basic condition for properly done impregnation is a properly prepared surface. The surface should be clean and not greasy. Surfaces for impregnation must be dry. New cement-lime plaster, concrete, joints in stone façades can be impregnated no earlier than 21 - 28 days after these works. Surfaces repaired with resin-based mortars or putties may be impregnated after 6 days. Hydrophobic impregnation should be carried out in dry conditions, in rain-free weather at a temperature of +5°C to +25°C. Prior to impregnation of façades of buildings, carefully secure all surfaces that will not be impregnated (glass, shiny metal parts, polished stones, wood, etc.).

■ HOW TO USE:

The impregnation can be done using a brush, roller or by spraying. Saturate the surface several times at short intervals using "wet on wet" technique. Each subsequent layer is applied when the sealer from the previous application has already penetrated into the material and no longer shines. The surface should be saturated thoroughly and evenly. Impregnated surfaces must be saturated at least twice.

■ SPECIFICATIONS (at 20°C)

Density: 0.78 ± 5% g/cm³
Form, colour: colourless, clear liquid
Smell: characteristic of gasoline
Drying time: 4 – 5 hours
Full operational parameters: after about 12 hours
Consumption per layer: from about 0.05 to about 0.7 L/m², depending on the nature of the surface

■ STORAGE AND TRANSPORT:

The product should be stored and transported in original, sealed packaging, in dry and ventilated conditions at a temperature of +5°C to +25°C. Shelf life of the preparation is 12 months from the date on the package.

■ ATTENTION:

If using the product contrary to the instructions, the manufacturer is not responsible for the quality of the impregnation.

WIM WARSTWA KONTAKTOWA

LIQUID DISPERSION OF PLASTICS FOR IMPROVING MINERAL MORTAR AND CREATING CONTACT BRIDGES

- Improves adhesion
- For OSB and terrazzo
- For old ceramic tiles
- For old paint
- Quick setting
- No solvents



■ APPLICATION:

The product is intended for priming difficult and non-absorbent surfaces before applying adhesives for ceramic tiles, waterproofing, plaster, self-levelling and smoothing compound, etc., on vertical and horizontal surfaces. WIM Warstwa Kontaktowa improves the adhesion to the coated surface, strongly adhering to it, forming, thanks to its compact shell and rough structure, an appropriate surface for all kinds of mineral materials applied. After drying, the preparation provides a barrier between the base and the newly applied layer by limiting their interaction. It prevents too-quick pulling of water from mortar to the base as well as protects absorbent materials (wood, gypsum) against moisture. WIM Warstwa Kontaktowa is suitable for use on smooth and non-absorbent surfaces such as old ceramic lining, terrazzo, smooth finished concrete, old firmly attached paint, adhesives and PVC lining. It can also be used on wood-based surfaces (chipboard, OSB, boards), gypsum surfaces (plasterboard, gypsum plaster, floor gypsum fibreboard) and anhydrite surfaces (anhydrite screed). For indoor and outdoor use.

■ PROPERTIES:

WIM Warstwa Kontaktowa is a quick drying preparation made with the highest quality aqueous dispersion of acrylic resin and quartz powders. Aggregate content in the base layer enhances the surface roughness, which facilitates the application of successive layers, and also increases the contact area of adhesives to the surface. Furthermore, it balanced the absorption of the surface giving the new layer the same binding conditions over the entire surface, regardless of the type of surface. This allows the mortar (adhesive, plaster, putty, finishing coats) used to achieve the appropriate strength parameters and thereby reduces the appearance of stains on the surface of the finishing layer. WIM Warstwa Kontaktowa has a light violet colour.

■ BASE PREPARATION:

The base must be firm, level, durable and stable. It must also be dry, clean, free of dust, grease and other substances reducing adhesion. Remove old paint and material of poor adhesion.

■ COMPOUND PREPARATION:

WIM Warstwa Kontaktowa is sold in a form ready for use. Do not combine it with other materials, dilute or thicken. Once opened, the contents of the bucket should be mixed until homogeneous.

■ HOW TO USE:

Spread the preparation uniformly over the entire surface with a roller or brush. Installation of cladding or smoothing of the surface can be started once the compound dries completely, i.e. after about 4 - 5 hours from the time of its application.

This information constitutes basic guidelines for the use of the product and does not relieve users from responsibility for performing work in accordance with good building practice and safety regulations.

■ CONSUMPTION:

Average of 0.3 kg/m²

■ PACKAGING:

3 kg plastic buckets

■ STORAGE AND TRANSPORT:

The product must be transported and stored in tightly sealed original containers, in dry conditions at temperatures above zero Celsius. Protect from freezing and overheating. The shelf life is 12 months from the date on the package.

■ ATTENTION:

Protect eyes and skin. In direct contact with eyes, seek medical attention.

■ SPECIFICATIONS:

Adhesion to concrete: at least 1MPa

Working temperature (surface and ambient) from +5°C to +30°C

WIM AKRYLOWA MASA USZCZELNIAJĄCA

ACRYLIC DISPERSION

- Flexible when dry
- For construction sealing
- For finishing works
- For filling cracks before painting



■ PROPERTIES:

One-component, acrylic dispersion is a water-soluble, plastic-elastic sealant for indoor and outdoor use. It has excellent adhesion to plaster, concrete, brick, drywall, raw wood and painted wood, ceramic tiles and glass, galvanized steel and painted steel. After drying, it forms a flexible seal, resistant to changing weather conditions, which can be painted. Does not contain solvents.

■ APPLICATION:

The acrylic dispersion is intended for filling gaps and cracks in the plaster before painting, for flexible seals between window and door woodwork and walls, grouting drywall, for finishing joints between tiles and the wall, frame or sill. For finishing works between moving construction parts and elements with different thermal expansion. For joining materials other than those mentioned, it is recommended to perform an adhesion test on a small section.

■ BASE PREPARATION:

Sealed surfaces must be clean, free from dust, grease and other contaminants that reduce adhesion. Gaps must be thoroughly cleaned of residual mortar and loose ground. Porous and absorbent surfaces should be primed with acrylic primer. Glass, tiles, PVC, wood should be degreased using benzene or alcohol.

■ HOW TO USE:

The edges of the gap to be filled should be covered with masking tape and then generously filled with acrylic compound using a dispensing gun. Within 20 minutes, smooth the surfaces with a spatula dipped in water or detergent. After smoothing, immediately remove the masking tape. If necessary to apply a thick layer, do so in several layers. Can be painted: after about 24 hours.

■ SPECIFICATIONS:

Working temperature: +5°C to +30°C

Thermal resistance: -30°C to +80°C

Working time: 20 - 30 minutes

Surface drying time: approx 20 minutes

Deep curing: approx 2mm/24 hours.

■ CONSUMPTION:

Dependent on the width and depth of the joint.

In case of a rectangular joint 4 x 4 mm, efficiency from the 300 ml tube = about 18 m

■ STORAGE:

12 months from date of manufacture in original unopened containers at +5°C to +35°C.

WIM SILIKON DO LUSTER

ONE-COMPONENT NEUTRAL CURE SILICONE COMPOUND

- Neutral
- For mirrors, mosaics, metal and PVC
- For construction sealing
- For finishing works



■ PROPERTIES:

Silicone for mirrors is a one-component, permanently flexible neutral cure sealant. It is characterised by excellent adhesion to glass, ceramic tiles, natural stone, metal, PVC and most construction materials: plaster, concrete, cement mortars, bricks, aerated concrete and wood. Silikon do luster is resistant to long-term impact of moisture, changing weather conditions and UV radiation. It does not cause discolouration.

■ APPLICATION:

Silicone for mirrors is intended for gluing mirrors, mirror tiles or mosaics directly on the surface of the tile, plaster, concrete, glass, and for pasting into metal, wood or plastic frames. Recommended for general use in sealing work in construction.

■ HOW TO USE:

The surface, to which the mirror will be glued must be clean, dry and free from dirt, dust, grease and other contaminants. Loose ground particles should be carefully removed. Glass, glazed surfaces and wood should be degreased with benzine or alcohol. Apply the silicone using a manual or pneumatic gun for sealants in spots or parallel strips. Set the mirror in correct place within 10 minutes. Do not seal mirror edged until silicone is fully hardened. During the drying of silicone, at least several hours, the mirror should be secured against accidental detachment from the surface.

■ SPECIFICATIONS:

Working temperature: +5°C to +35°C
Thermal resistance: -40°C to +180°C
Working time: about 10 minutes
Colour: colourless

■ CONSUMPTION:

Dependent on the width and depth of the joint.
In case of a rectangular joint 5 x 5 mm, efficiency from the 310 ml tube = about 19 m

■ STORAGE:

12 months from date of manufacture in original unopened containers at +5°C to +35°C.

WIM PŁYNNY GWÓŹDŹ

WATER-SOLUBLE ASSEMBLY ADHESIVE

- For bonding wood, glass and metal
- Flexible when dry
- Replaces nails and screws
- Layer thickness up to 5 mm
- For baseboards and thresholds
- For window sills, cornices and brackets



■ PROPERTIES:

Water-thinnable assembly adhesive, ready to use, has very good adhesion and high bonding strength for connecting expanded polystyrene, wood, metal protected against corrosion, rigid PVC to common building surfaces such as cement-lime plaster, gypsum plaster, brick, concrete. After drying, retains the flexible connection, which can be painted. When fully cured, the connection is resistant to changing weather conditions. For indoor and outdoor use. Does not contain solvents.

■ APPLICATION:

Water-thinnable assembly adhesive is intended for bonding expanded polystyrene, expanded polystyrene strips, radiator screens, wooden parts, mouldings, window sills, thresholds and stairs. For permanent mounting of flooring panels, cover profiles and baseboards, cornices, troffers, ceramic tiles and stone tiles. Other general applications in construction.

■ HOW TO USE:

Bonded surfaces must be clean, dry, free from dust, grease and other contaminants that reduce adhesion. Loose ground particles should be carefully removed. Glazed surfaces and wood should be degreased with benzine or alcohol. Apply the adhesive using a manual or pneumatic gun, in spots or strips, and then spread over the surface. Press the glued elements firmly and set them in the right place, sliding (without unsticking). During the curing of the adhesive, they should be kept under continuous pressure and secured against accidental detachment from the base. For joining materials other than those mentioned, it is recommended to perform an adhesion test.

■ SPECIFICATIONS:

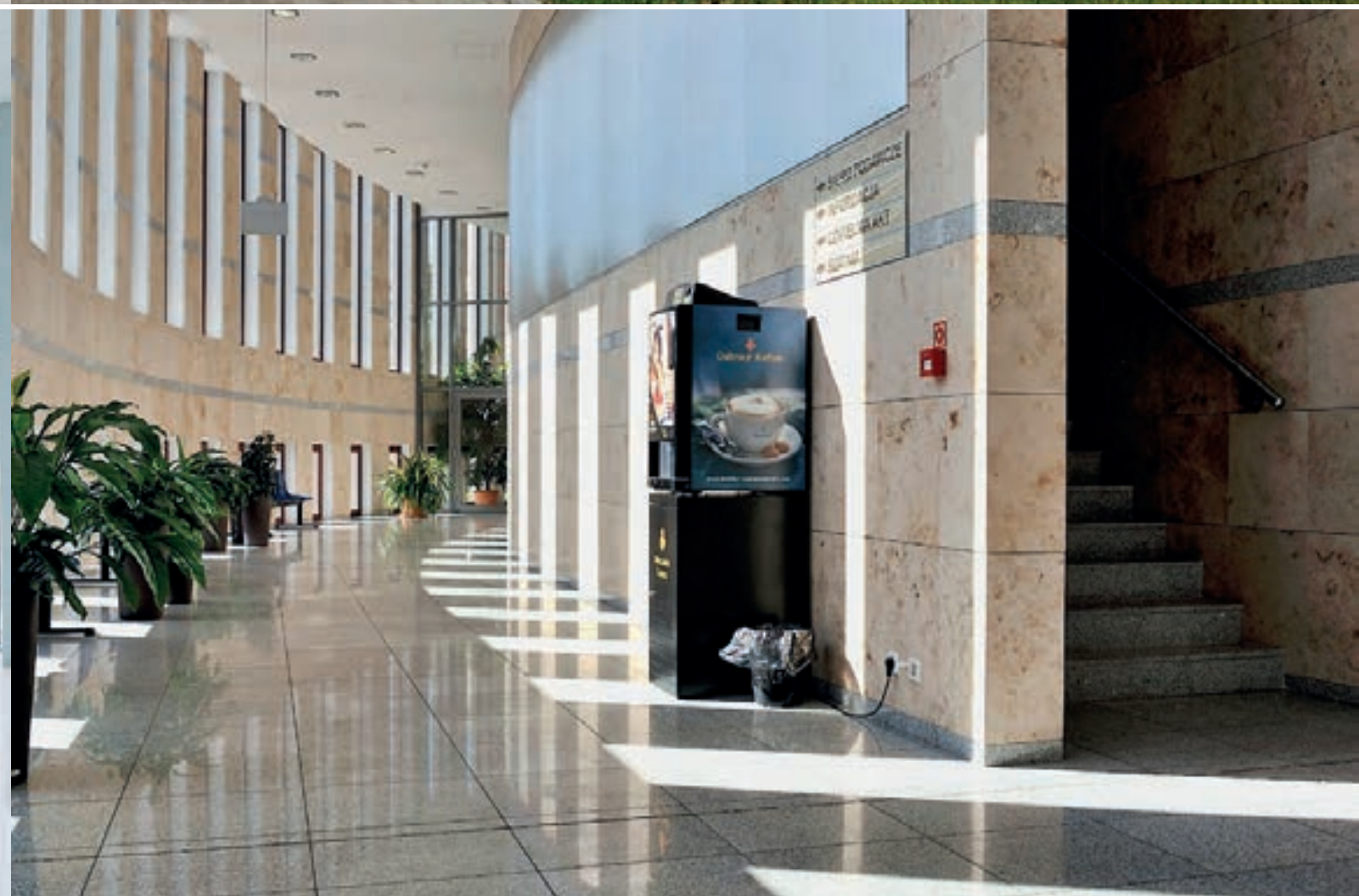
Working temperature: +5°C to +30°C
Thermal resistance: -15°C to +60°C
Surface drying time: approx 10 minutes
Cure time: 2mm/24 hours
Full joint strength: after 72 hours
Colour: White

■ CONSUMPTION:

In case of a rectangular joint 4 x 4 mm, efficiency from the 310 ml tube = about 18 m

■ STORAGE:

12 months from date of manufacture in original unopened containers at +5°C to +35°C.



Katowice, Jaguar showroom

Łódź, Court of Appeal

COOPERATION WITH CONTRACTORS

WIM AFFILIATE PROGRAMME

If you are a person professionally engaged in tiling, this program is just for you!

"COLLECT POINTS, RECEIVE AWARDS"

**ZBIERAJ PUNKTY
ODBIERAJ NAGRODY**
PROGRAM PARTNERSKI WIM

The WIM Affiliate Programme is directed to persons professionally engaged in laying ceramic tiles and contractors professionally engaged in laying different types of ceramic flooring. The Programme associates more than 6,000 contractors from around the country. All contractors who complete the application form and send it to the Programme office can become members. The Programme consists of collecting and exchanging points for prizes specified in a special catalogue. Points can be found on WIM product packaging. Just cut them out, collect the required amount and exchange for the desired prize. The points collected can be redeemed by sending by post to the office of the WIM Affiliate Programme (ul. Wronia 61/63, 97-300 Piotrków Trybunalski).

In its current form, the Programme has continued since the beginning of 2008. When creating the Programme, we selected participant satisfaction as our main purpose. That's why the prizes in our programme are unique, attractive and always of the highest quality. In this way we want to refer to the high quality of our products. We simplified the formalities associated with the exchange of points and ordering prizes as much as possible. With all these measures taken we managed to improve shipment and thus shorten the waiting time for the ordered prize. The correct exchange of points and shipment of prizes is supervised by the programme coordinator. He will answer all your questions about the Programme, including the status of the order placed. His phone number is + 48 600 951 016. Our programme is a "living" programme. We constantly strive to improve it and adapt to the expectations of the participants. That is why we are waiting for valuable comments regarding its functioning and the type of prizes offered.

Participate in our Affiliate Programme!



HOW TO JOIN? IT'S EASY!

- If you are a tiler, legibly fill out a declaration of joining the WIM Affiliate Programme and the membership declaration of the Polish Association of Tilers.
- Cut out and send the completed declaration by registered mail to the office of the Affiliate Programme at: WIM sp. z o.o., ul. Wronia 61-63, 97-300 Piotrków Trybunalski.
- To actively use the Programme, buy WIM products and cut out the points from the packaging.
- Choose prizes from the prize catalogue (available on www.wim-chb.pl or ask for the catalogue in our partners' retail outlets).
- Send the prize order coupon (also available on www.wim-chb.pl) with an appropriate number of points via a registered letter to the office of the Programme.
- Within 30 days from the date of receipt of the order, a courier will deliver the prize to the indicated address.
- Start from the beginning.

FOR MORE INFORMATION, WRITE TO:

@ program.partnerski@wim-chb.pl + 48 600 951 016



POLISH ASSOCIATION OF TILERS

The Polish Association of Tilers is an association of professionals engaged in the laying of ceramic tiles. It was established in 2003 to promote the interests of this group

It is an organisation representing a combination of experience and passion, which for years has associated the rapidly growing professional group in the construction, installation and interior design sectors. Our aim is to improve the skills and promote innovative solutions and innovative products that significantly contribute to professional development.

PZP in numbers:

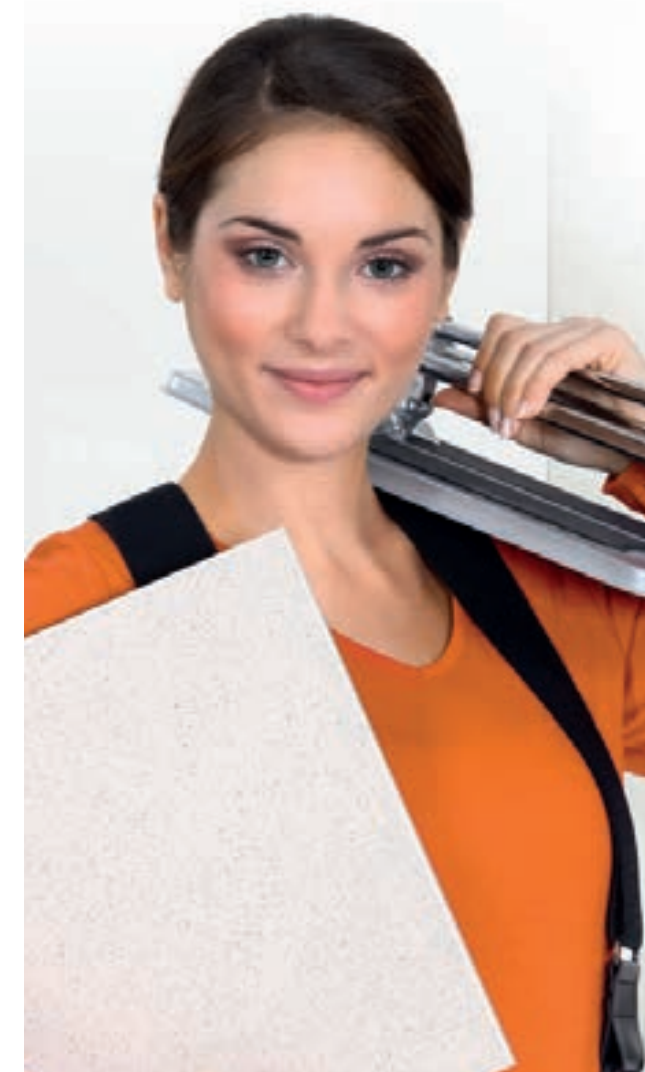
- 10** years of activity and experience
- 33,000** represented and associated professionals
- 20,000** people trained during demonstrations and training
- 6,000** workshops and demonstrations organised
- 3,000** tilers, insulation and thermal insulation fitters and appraisers, thanks to the EU funding obtained by the PZP, have received master diplomas, obtained using the PZP vocational training and examinations organised by the Chambers of the Crafts
- 150** people, mostly "young builders", registering for our newsletter per month
- 25** registered appraisers in the entire Poland
- 6** editions of the Polish Championships of Tiling, during which unique, unrepeatable work was created, showing true craftsmanship. The final works - Michelangelo's Frescoes, theme of the Polish emblem or the National Stadium are shown at the "Woven in Tiles" exhibition, accompanying most important construction trade fairs in the country.

PZP members have access to:

- Technical advice on the selection of appropriate technologies and materials;
- Training for the improvement of professional skills and preparing for obtaining professional certificates;
- Legal assistance in the conclusion of contracts, writing applications, resolving disputes with customers;
- Advice on how to run a business;
- Current information about new solutions and changes in construction law;

PZP members do not pay membership fees!

In 2013, the Polish Association of Tilers has focused the best innovative products around its projects, by presenting a contemporary bathing room. Thanks to a joint initiative of companies: WIM, PIU Design, Tubądzin, Hansgrohe, Flugger and Viega, the visualisation of this project was created, which can be seen in the form of an exhibition platform during the cycle of construction and interior design trade shows throughout the country. Through the exhibition of innovative solutions, we raise the level of services and we are a bridge between the valuable expert, architect, and the investor who expects both proven solutions and services at the highest level.





INNOVATION

Innovative ideas, new technologies, system solutions.



MATERIALS

Construction chemicals of the highest quality. Products for professionals.

CONTRACTORS

Long-term cooperation and contact with contractors. Training, fairs, shows. Affiliate programme for contractors.

