

WPM® METAL SHEET WATERSTOP 125L

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Metal sheet waterstop with a mineral coating

PRODUCT DESCRIPTION:

WPM® METAL SHEET WATERSTOP 125L is metal sheet waterstop with mineral coating.

AREA OF APPLICATION:

WPM® METAL SHEET WATERSTOP 125L is used to waterproof construction joints like floor-wall, wall-wall, floor-floor, and wall-ceiling against pressurized water in various below-grade reinforced concrete structures. The most common use areas are parking houses, water tanks, etc.



PROPERTIES:

- Special coating, elastic, not reactive with water
- The mineral coating turns homogeneous with concrete
- Can be installed directly into the fresh concrete
- Can be installed with installation fixers
- Easy to connect with deformation PVC joint tapes
- Officially tested at Taltech University - N° 372-A/19
- Watertight against pressurized water up to 2,4 bar
- Made in Estonia

SPECIFICATIONS:

- Steel material: galvanized steel
- Steel sheet height: 125 mm
- Steel sheet thickness: 0,5 mm
- Steel sheet length: 2,5m
- Coating: elastic mineral coating
- Thickness of the complete sheet: approx. 1,0 mm
- Color:
 - Mineral coating: dark grey
 - Galvanized metal sheet: silver
- Temperature resistance: -35°C - +75°C
- Working temperature: no limits

CHARACTERISTICS AND ADVANTAGES:

- Easy and fast to install – not effected by the weather
- Special mineral coating does not react with water
- Turns homogeneous with concrete – more watertight seal!
- Life expectancy in the structure - structures lifetime
- Simple design and easy installation reduces potential installation errors

PACKAGE:

Box: 10 x 2,5 m detail, joint clips, 2 fixing glue tubes

STORAGE:

36 months in cool and dry conditions with the original package

INSTALLATION:

WPM® METAL SHEET WATERSTOP 125L metal sheet waterstop is installed in the middle of the construction joint. The mineral-coated side of the metal sheet waterstop is installed in the direction of the water load.

Installation before pouring concrete - Place the metal sheet waterstop on top of the reinforcement rods and attach it to the rebars with binding wire through the wholes under bent part of the profile. The installation fasteners are installed in steps of 35-50 cm if needed, so that the metal sheet is located between the fixers. Attach the fixer to the reinforcing bars by twisting the ends around them. Ensure that the waterstop remains at least 3 cm deep inside the concrete structure (max. half the height of the selected tape).

Continuing connection- ensure that the overlap of the waterstop ends is at least 10 cm. Next, apply a strip of glue from the tube in the kit to the center of the cover, press the ends of the metal sheet firmly together, and fix them with the clamps in the kit. To achieve a correct joint, use the glue included in the kit.

All WPM® waterproofing elements together in a system create an uninterrupted connection between all construction joints and controlled shrinkage cracks in the reinforced concrete structure.

NB! The installation may differ depending on the field of use. If in doubt, ask the importer for more information. The metal sheet coating is resistant to many chemicals. **If necessary, ask the importer for more information.**

RECOMMENDED TOOLS:

Connecting clips, glue tube, binding wire, binding hook.

SAFETY:

Wear gloves and other personal protective equipment when handling and installing the product.