



Primostar®

PRIMOSTAR® METAL SHEET WATERSTOP 80R

ART.NR. 002-080R-M

20.07.2026

Metal sheet waterstop with a polymer coating

PRODUCT DESCRIPTION:

PRIMOSTAR® Metal Sheet Waterstop 80R is metal sheet waterstop with polymer coating.

AREA OF APPLICATION:

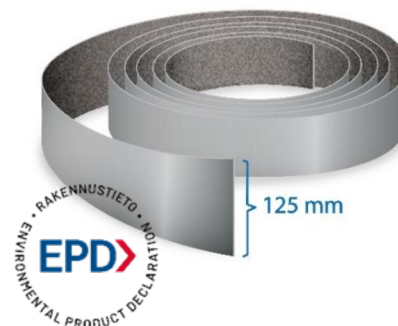
PRIMOSTAR® METAL SHEET WATERSTOP 80R is used to waterproof construction joint. The product is only suitable for use in the wall-ceiling construction joint.

PRODUCT & COMPANY CERTIFICATES:

EPD Certificate: RTS_283_24

ISO 9001: EE008413 (Quality Management System)

ISO 14001: EE008412 (Environmental Management System)



PROPERTIES:

- Special coating, elastic, not reactive with water
- The polymer 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
- Watertight against pressurized water up to 24 m (2.4 bar), officially tested at TalTech University - N° 372-A/19
- Tested for water pressure up to 15 bar - test protocol no.1/2024
- Made in Estonia

SPECIFICATIONS:

- Steel material: galvanized steel
- Steel sheet height: 80 mm
- Steel sheet thickness: 0,5 mm
- Steel sheet length: 7,5m
- Coating: elastic polymer coating
- Thickness of the complete sheet: approx. 1,0 mm
- Color:
 - Polymer coating: dark grey
 - Galvanized metal sheet: silver
- Temperature resistance: -35°C to +75°C
- Working temperature: no limits

CHARACTERISTICS AND ADVANTAGES:

- Easy and fast to install – not effected by the weather
- Special polymer 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:

3 x 7,5 m detail, joint clips

STORAGE:

36 months in cool and dry conditions with the original package

The information given on the product page is based on and corresponds to the available information. The warranty covers the materials and does not extend to their incorrect installation and intended use. It is the user's responsibility to assess the material's suitability for the place of use. In case of doubt, it is necessary to carry out trial tests or ask for advice from the manufacturer.



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INSTALLATION:

PRIMOSTAR® METAL SHEET WATERSTOP 80R metal sheet waterstop is installed in the middle of the construction joint. The polymer-coated side of the metal sheet waterstop is installed in the direction of the water load.

Installation in fresh concrete: Unroll the metal sheet waterstop all the way. Cut out required lengths and pre-install approx. - 30 cm above the construction joint to the rebars. Immediately after pouring the concrete, place the waterstop into the freshly poured concrete so it is placed in the middle of the construction joint. Make sure that about half the height of the sheet is inside the concrete (minimum 3 cm). Gently move the waterstop back and forth to ensure better adhesion to the concrete.

Installation before pouring concrete - Place the metal sheet waterstop on top of the reinforcement rods. The installation fasteners are installed in steps of 35-50 cm 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 waterstop overlap is 7-10 cm. Before concrete casting, place the overlapping ends tightly on top of each other and secure the joint with the clamps included in the kit. If necessary, screws may also be used, but only at the outer edge of the waterstop.*)

All PRIMOSTAR® 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.**

*) Alternative joint connection with glue – The overlap of waterstop ends can also be installed with glue if the waterstop is placed before the concrete cast. Ensure that the ends to be connected are clean, place them tightly on top of each other, and secure the connection with clamps. If necessary, screws may also be used, but they must be installed only at the outer edge of the waterstop!

RECOMMENDED TOOLS:

Connecting clips, binding wire, binding hook.

SAFETY:

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

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