

WPM SEALING ELEMENT 80R

ART.NR. 0002-04

Sealing element with mineral coating

Product description

WPM SEALING ELEMENT 80R is one side coated 0,7mm galvanized steel sheet. One side is coated with a special mineral covering for good adhesion with concrete.

Area of application

WPM SEALING ELEMENT 80R is used for sealing against pressurized water in concrete construction joints for bottom/wall, wall/wall, bottom/bottom, and wall/ceiling applications. Typical areas of application are drinking water tanks, areas of changing water levels, cast-in-place concrete, and precast unit constructions.

Properties

- One side coated special sealing sheet
- Watertight against pressurized water up to 2,5 bar
- High chemical resistance
- Elastic sealing
- Easy application to fresh concrete
- Made in Estonia

Specifications

- Steel material: galvanized steel
- Steel sheet height: 80 mm
- Steel sheet thickness: approx. 0,7 mm
- Steel sheet length: 7,5 m
- Special coating: mineral coating
- Thickness of the complete sheet: approx. 1,7 mm
- Color: silver/grey
- Temperature resistance: -35°C - +75°C
- Working temperature: no limit

Delivery form

Box: (Art.nr 0002 – 080R) 4 x 7,5 m detail, joint clips, fixing glue

Storage

36 months in cool and dry conditions and original package.

Application

Preparation of surface - WPM SEALING ELEMENT 80R will be installed in the middle of the construction joint on top of reinforcement steel. The side with the mineral coating is placed to the water pressure side.

Application to fresh concrete – Roll off the sealing element all the way. Raise the stain onto the reinforcement rods and allow the stain to be positioned in the center of the structure. Make sure about half the width of the element is in the concrete (minimum 3 cm). Move the sheet lightly back and forth to make sure it is better wetted with concrete.

Installation before concrete casting – Place the joint on top of the upper arm frame. Place carriers in steps of 35-50 cm in such a way that the stain is placed between the carrier loop. Attach the carrier to the locking rods. Ensure that the sealing element is at least 3 cm deep from the structure (max. half the width of the sealing element).

Continued connection - make sure that at the ends of the leaves overlap is 10 cm. Apply glue stripe in the middle of the overlap, push over the cover part tightly and fix with the joint clips in the kit. Use fixing glue in the kit to achieve a proper joint.

Installation may vary by area of use, in case of doubt, ask for further information WPM SEALING ELEMENT 80R coat cover is resistant to many chemicals, if necessary, ask for additional information.

Recommended tools

Gloves, binding wire, joint clip, carriers

Remark

The information complies with the current state of development. There is no claim for completeness. Professional and therefore successful processing of the products is not within our responsibility. We accept a warranty only for the quality of the products, but not for processing. It is the responsibility of the user to evaluate the suitability of our products for their purpose. Preliminary tests are recommended.