



WPM JOINT INDUCER PROFILE

ART.NR. 0006

Watertight profile for temperature and shrinkage joints

Product description

WPM JOINT INDUCER profile for temperature and shrinkage joints consists of a steel sheet that provides water resistance, on the edges of which a special expandable joint tape is attached, and steel sheet sides that help form a joint at the desired location. The width of the water barrier sheet is 150 mm. Depending on the application, galvanized steel or a stainless-steel sheet and a special environmentally friendly joint tape are used to make the metal parts. In the standard environment, a standard version (colour blue) is used. In sewerage, slurry and high salinity environments, an SW version (colour yellow) are used. The sheet steel sides are bent at an angle, which gives the joint to be formed a tapered cross-section, which helps maintain the strength properties of the structure.

Area of application

WPM JOINT INDUCER profile for temperature and shrinkage joints is used to design predetermined joints when building retaining walls from reinforced concrete. With the help of this profile, it is also possible to cast very long retaining walls in one operation without the risk of the formation of unwanted shrinkage cracks and subsequent cracks due to temperature fluctuations.

Properties

- Creating a joint at a specified location
- The resulting joint is watertight
- Passed manufacturer and independent tests
- Guaranteed pressurised water resistance 1.0 bar
- Made in Estonia

Technical specification

	Environmental class C4	Environmental class C5
Steel sheet	Galvanised AZ185	Stainless steel AISI 304
Expanding joint tape	Type Standard (blue)	Type SW (yellow)
Steel sheet thickness:		150 mm
Steel sheet thickness:		1.0 mm
Element length:		2.5 m, 1.22 m, 0.62 m
Colour:		Grey, metallic
Temperature resistance:		-35 oC to +75 oC
Installation temperature		No limits

Packaging

- Box: 6 x 2.5 m main element, 12 x Z-part, connection clips, adhesive tube, metal screws
- Box: 6 x 1.22 m main element, 12 x Z-part, connection clips, adhesive tube, metal screws
- Box: 6 x 0.62 m main element, 12 x Z-part, connection clips, adhesive tube, metal screws

Storage

36 months (in dry original packaging in a cool place)

Installation

The profile is installed in the retaining wall approximately every 12 m so that the water barrier element is parallel to the wall and the joint inducer profile is perpendicular to the wall. The reinforcements must be interrupted in the area where profiles are installed. If it is necessary to continue the profiles, an overlap of approx. 10 cm at the joints of the profiles must be made.

Overlapping is performed using adhesive and fixing clips.

Apply an adhesive strip from the supplied tube in the middle of the overlap, press the elements together, and fix with clips. Profiles can be fixed with a tie wire.

To create a neat joint on the visible side, it is necessary to use special triangular profiles, which are delivered separately as required.

Recommended tools

Gloves, binding wire, connecting clips

Product is available in the following sizes *

Art.nr 0006-2x50-250alzn	WPM JOINT INDUCER PROFILE- 2x50mm (20/15/15) 2,5m profile
Art.nr 0006-2x60-250alzn	WPM JOINT INDUCER PROFILE- 2x60mm (20/20/20) 2,5m profile
Art.nr 0006-2x50-250r/v	WPM JOINT INDUCER PROFILE- 2x80mm (20/40/20) 2,5m profile
Art.nr 0006-2x60-250r/v	WPM JOINT INDUCER PROFILE - 2x100mm (20/60/20) 2,5m profile
Art.nr 0006-2x50-122alzn	WPM JOINT INDUCER PROFILE - 2x50mm (20/15/15) 1,22 m profile
Art.nr 0006-2x60-122alzn	WPM JOINT INDUCER PROFILE- 2x60mm (20/20/20) 1,22 m profile
Art.nr 0006-2x50-122r/v	WPM JOINT INDUCER PROFILE- 2x80mm (20/40/20) 1,22 m profile
Art.nr 0006-2x60-122r/v	WPM JOINT INDUCER PROFILE- 2x100mm (20/60/20) 1,22 m profile
Art.nr 0006-2x50-061alzn	WPM CRACK INDUCER - 2x50mm (20/15/15) 0,62 m profile
Art.nr 0006-2x60-061alzn	WPM CRACK INDUCER- 2x60mm (20/20/20) 0,62 m profile
Art.nr 0006-2x50-061r/v	WPM CRACK INDUCER- 2x80mm (20/40/20) 0,62 m profile
0006-2x60-061r/v	WPM CRACK INDUCER - 2x100mm (20/60/20) 0,62 m profile

** Other dimensions available on request*

Remark

The information on the product page is based on and is in accordance with the information available. The warranty covers materials and does not extend to incorrect installation and use. It is the user's responsibility to evaluate the suitability of the material to the place of use. In case of doubt, it is necessary to carry out pilot studies or to ask for advice from the manufacturer.