

Waterproofing tape

Monofex W high performance waterproofing tape.

Application

Waterproofing of e.g. outside expansion and construction joints. For installation with suitable adhesives and sealants on various building substrates in critical areas with high and / or frequent movements.



Technical Data

Colour	Grey
Resistance to temperature: min. / max.	- 30 °C / + 90 °C

Physical Properties: (approx.)	DIN	Value	Tolerance
Available widths	Internal	150, 200, 250, 500 mm (widths between 100 mm and 1000 mm upon request)	+/- 3 mm
Thickness	Internal	1,0 mm	+/- 0,1 mm
Total weight	Internal	1020 g/m ²	+/- 60 g/m ²
Length per roll	Internal	20 metres (Alternative make ups upon request)	- 0,0 m / + 1%
Tear resistance - lengthwise	DIN EN 12311-2 (Version B)	13,2 N/mm ²	≥ 10,5 N/mm ²
Tear resistance - across	DIN EN 12311-2 (Version B)	8,8 N/mm ²	≥ 7 N/mm ²
Elongation at break - lengthwise	DIN EN 12311-2 (Version B)	980 %	≥ 600 %
Elongation at break - across	DIN EN 12311-2 (Version B)	800 %	≥ 600 %
Tear resistance (nail shank)-lengthwise	DIN EN 12310-1	265 N	≥ 220 N
Tear resistance (nail shank)-across	DIN EN 12310-1	275 N	≥ 220 N
Water vapour permeability	DIN EN 1931 (Version B)	98 m	≥ 50 m
UV-Resistance	DIN EN ISO 4892-3	≥ 6500 h	
Shore A hardness	Internal	approx. 87	
Bonding strength	DIN EN 1348	≥ 3,0 N/mm ² *	
Peel test on wood carrier	Internal	≥ 100 N *	
Water tightness	DIN EN 1928-A- 60 kPa/24 Std. DIN EN 1928-B-400 kPa/72 Std.	watertight watertight	
Burst pressure	Internal	≥ 3,6 bar	
Reaction to fire	DIN ISO 11925-2 EN 13501-1	Class E	

* in dependence of the used adhesive

Chemical Resistance	To Hydrochloric acid, Sulphuric acid, Citric acid, Lactic acid, Potassium hydroxide, Sodium hypochlorite, Salt water and further substances
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Approval	CE Marking according DIN EN 13967 Certificate No. 0761-CPR-0849 WRAS Material Approval according BS 6920-1:2000 Approval Number 1808558
Warranty	10 years warranty for the guaranteed product qualities
Storage	maximum of 12 months – it is essential that goods are kept in the original packaging, keep cool and dry, protect against sunlight. If packaging film has been opened apply the material within 2 months.
Attention	Due to technical reasons the colour of the material or the printing may vary slightly from batch to batch
Fusibility	The product is fusible with standard hot-air-dryers (recommendation ≥1500 watt / 340°C). It is important to select a low temperature setting so that only the surface of the tape melts in order not to affect the tightness of the product. Parts to be welded must be roughened or sanded. Please follow our processing instructions

VARLIK MİNERAL JEOTERMAL ENERJİ MADEN İNŞ. TİC. A.Ş.

MERKEZ: Beştepe Mah.No:1/113 Yenimahalle/Ankara

ANTALYA FABRİKA: Çıplaklı Mah. 22171 Cd. No:14 Döşemaltı/Antalya

E-MAIL: info@kraftbau.com.tr

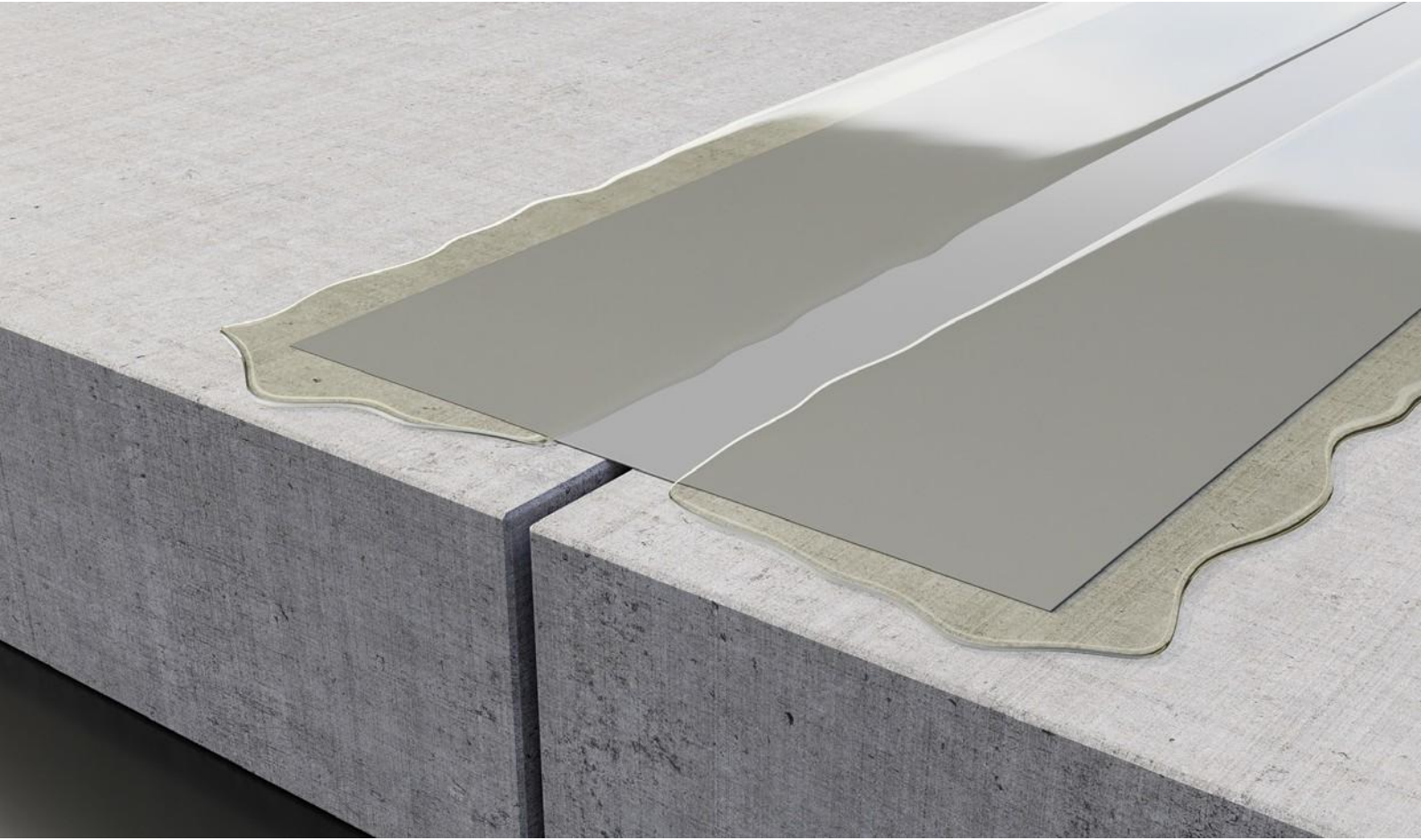
TEL: 444 6 190

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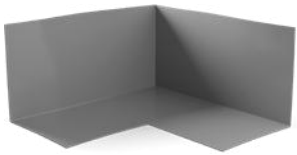
Material composition

Flexible Polyolefine (FPO)

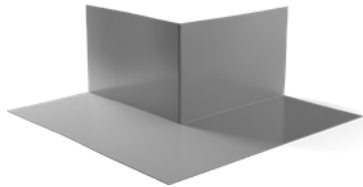
Applications



System Components



Inside Corner



Outside Corner

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Application

Brush or roll on a suitable adhesive (depending on the application) on the substrate. The stretch zone must not be closed with adhesives.

Insert the sealing tape into the adhesive according to the manufacturer's instructions and press it in. Wrinkling is to be avoided.

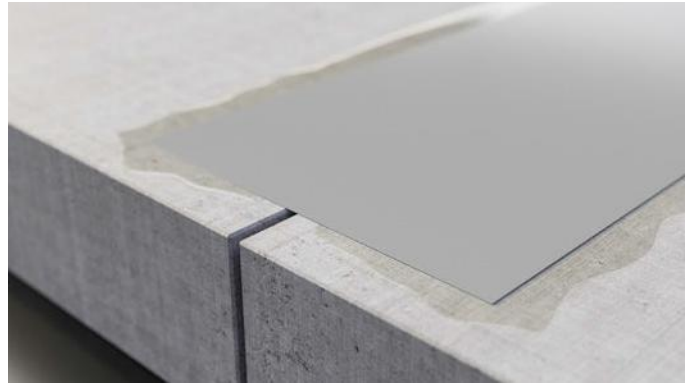
Push the adhesive outward from the middle joint.

Roughen overlaps with sandpaper (80 grit). In the area of the overlaps (10 cm), use a suitable hot-air blower to carefully weld the two strips free of cavities.

Press the welded tapes together powerfully and free from voids.

Avoid air pockets and wrinkles. If no surface coverage is applied, enclose the tape with adhesive to protect it from external influences.

Above the expansion zone (joint) one Leave area of 20 - 30 mm free.



Technical data sheet is a quality document whose values and/or data were determined using one or more representative pilot productions. This sheet has a minimum validity of 12 months and will then be revised based on the insights gained in the meantime.
The technical information and application instructions are based on our experience and present knowledge. However, it is each user's own responsibility to make trials with the original substrate in order to verify the suitability of our products for the intended purpose, taking into consideration all application-related parameters. Please contact us if you have any further requests from us in Europe.

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