

TEKATRAK 120

Sealing tapes used for sealing in combination with elastic waterproofing membranes

DESCRIPTION AND FIELD OF APPLICATION

Sealing tapes are part of an alternative waterproofing system for waterproofing joints and drains between the same and different built-in materials of horizontal and vertical surfaces of water tanks, pools, bathrooms, terraces, basements and shafts in combination with elastic polymer-cement and polymer waterproofing compounds such as HydroBlocker Cemlastik, HydroBlocker F2-Lastic and HydroBlocker WRC Coating.



HydroBlocker Tekatrak 120 is a permanently elastic sealing tape that remains elastic at high and low temperatures. It is waterproof, resistant to alkalis, acids and salts. It is used for sealing working joints and structural joints - expansion joints between elements in buildings, especially bathrooms, swimming pools, terraces and balconies, together with elastic waterproofing compounds.

TECHNICAL CHARACTERISTICS

Characteristic	Test method	Declared value
Width		120 mm
Thickness		0.66 mm
Temperature resistance		from -30 °C to +90 °C
Force at break - longitudinal	EN ISO 527-3	≥ 85 N/ 15 mm
Force at break - transverse	EN ISO 527-3	≥ 15 N/ 15 mm
Elongation at break - longitudinal	EN ISO 527-3	≥ 50 %
Elongation at break - transverse	EN ISO 527-3	≥ 200 %
Burst pressure		≥ 1.5 bar
Water vapour permeability	EN 1931	≥ 7 m
Resistance to water penetration	EN 1928, Procedure B	≥ 1.5 bar
UV resistance	EN ISO 4892-2	≥ 500 h

Chemical resistance:

Sealing tapes are chemically resistant to solutions of inorganic and organic acids, alkali and salts.

Their stability was checked in the following solutions:

- Hydrochloric acid, 3%
- Sulfuric acid, 35%
- Citric acid, 100 g/L
- Lactic acid, 5%
- Potassium hydroxide, 3% and 20%
- Sodium hypochlorite, 0.3 g/L
- Salt water, 20 g/L sea salt

INSTRUCTIONS FOR USE

HydroBlocker Tekatrak 120 is applied to the joints on a properly prepared substrate which must be dry, clean, dust-free and free of grease stains.

The tapes are embedded in a fresh first coat of waterproofing compound, so that the joint is coated on both sides with a waterproofing compound, about 2 cm from the edge of the joint and embedding the tape in the still fresh compound. Then coat the entire surface of the tape and approx. 5-10 cm from the edge of the tape on each side with the waterproofing compound in as thin a layer as possible so that the tape is completely covered. Once the first layer of coating has hardened, a second layer of waterproofing compound is applied [see the technical data sheets of the respective elastic membranes: HydroBlocker Cemlastik, HydroBlocker F2-Lastic or HydroBlocker WRC Coating].

Lay the strips and corners on the overlap, at least 5 cm.

In addition to the HydroBlocker Tekatrak 120, we also offer specially designed elements in the same quality:

- HydroBlocker Tekatrak KZ - outer corner sealing 270°
- HydroBlocker Tekatrak KN - inner corner sealing 90°
- HydroBlocker Tekatrak MA 120 - cuff for sealing installation penetrations in walls, size 120 mm x 120 mm
- HydroBlocker Tekatrak MA 440 - cuff for sealing floor drains and plumbing penetrations, size 440 mm x 440 mm

PACKAGING

- HydroBlocker Tekatrak 120: Reels of 10 m or 50 m in a cardboard box
- HydroBlocker Tekatrak KZ : Hangers 2 pcs each
- HydroBlocker Tekatrak KN: Hangers 4 pcs each
- HydroBlocker Tekatrak MA 120 Hangers 2 pcs each
- HydroBlocker Tekatrak MA 440 1-piece hanger

STORAGE

- Store the product in a dry and cool place. Protect it from damage, water and moisture and from direct sunlight.

- A properly stored product has a shelf life of at least 5 years after the date of manufacture.
- The product may still be used after the date of expiry, but the characteristics important for the intended use have to be examined.

WARNING

Instructions and recommendations are given based on examinations in our laboratories and experience to date. Due to the specific conditions and method of work, we recommend preliminary tests for each individual case of use.

As we cannot influence the execution of the work, we are not responsible for the overall quality of the work!



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