



# HYDROBLOCKER TEKATRAK 120

Sealing tapes used for sealing in combination with elastic waterproof masses

## DESCRIPTION AND AREA OF USE

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 Elastic, Hydroblocker Hidroizol F2, Hydroblocker Cemlastik 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 alkali, acids and salts. Hydroblocker Tekatrak 120 can be used for sealing construction and structural joints - expansion joints between elements in buildings, especially in bathrooms, swimming pools, terraces and balconies together with elastic waterproof masses.

## TECHNICAL CHARACTERISTICS

Characteristic	Declared value
Width	120 mm
Thickness	0.66 mm
Temperature resistance	from -30 °C to +90 °C
Breaking-longitudinal force (EN ISO 527-3)	≥ 85 N/15 mm
Pre-transverse force (EN ISO 527-3)	≥ 15 N/mm
Breaking-longitudinal force (EN ISO 527-3)	≥ 50 %
Breaking-longitudinal force (EN ISO 527-3)	≥ 200 %
Pressure to burst	≥ 1.5 bar
Water vapor 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 show good chemical resistance 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 strips are being placed on the joints on a previously properly prepared substrate, which must be dry, clean, dust-free and free of greasy stains.

The strips are installed in a fresh first coat of waterproofing compound, so that the joint is coated on both sides with a waterproofing compound about 1 cm from the edge of the joint and the tape is pressed into the fresh mass. Then the entire surface of the tape and another approx. 5-10 cm from the edge of the tape on each side with a waterproofing mass in a layer as thin as possible so that the tape is completely covered. When the first layer of sealant hardens, apply a second layer of waterproofing compound (see technical information). Lay the strips and corners on the fold, at least 5 cm.

In addition to the Hydroblocker Tekatrak 120 tape, we also offer special designed elements:

- Hydroblocker Tekatrak KZ - outer corner for sealing angle 270°
- Hydroblocker Tekatrak KN - inner corner for sealing angle 90°
- Hydroblocker Tekatrak MA 120 - cuff for sealing installation penetrations on walls, size 120 mm x 120 mm
- Hydroblocker Tekatrak MA 440 - cuff for sealing drains and installation penetrations on the floor, size 440 mm x 440 mm

#### **PACKAGING**

- Sealing tape 120 mm wide: reels of 10 m or 50 m
- Outer corners, 270°: 2-piece hangers
- Internal corners, 90°: 4-piece hangers
- Wall cuffs: 2-piece hangers
- Floor cuffs: 1-piece hanger

#### **STORAGE**

- Sealing tapes and additional elements are stored in a cool and dry place. Protect them from direct sunlight.
- A properly stored product has a shelf life of at least 5 years from the date of manufacture.

#### **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.

Since we cannot influence the course of work, we cannot be held responsible for its quality!