



# TEKATRAK HIDROIZOL

***Sealant tape system for watertight sealing in bathrooms, swimming pools and cellars in combination with watertight mortars***

## TEKATRAK HIDROIZOL

### PRODUCT DESCRIPTION AND USES

Sealant tapes are part of the alternative watertight sealing system for waterproofing working and dilatation joints, as well as drains between the same and different construction materials on horizontal and vertical surfaces of water reservoirs, swimming pools, bathrooms, terraces, cellars and shafts in combination with elastic polymer-modified cementitious watertight coatings such as **Hidroizol N**, **Hidroizol S** and especially **Hidroizol EL**.

**Tekatrak Hidroizol** is a permanently elastic rubber sealing tape on a polyester net with an expansion zone in the middle. It is watertight, resistant to alkaline substances, acids and salts; it retains elasticity in extremely high and low temperatures. **Tekatrak Hidroizol** can be used for sealing construction joints and dilatation joints between construction elements, particularly in bathrooms, swimming pools, terraces and balconies in combination with watertight cement based mortars.

### TECHNICAL CHARACTERISTICS

Full width	120 mm
Central expansion zone	70 mm
Weight	34.0 g/m
Thickness	0.60 mm
Bursting pressure	2.50 bar
Resistance to ozone (DIN 53509, part 1, ISO 1431-1)	resistant
Resistance to water under pressure (1.5 bar)	resistant
Resistance to UV (200 h)	resistant
Temperature stability	-30°C / +90°C

### CHEMICAL RESISTANCE

Bursting pressure after a 7-day conservation in the following chemicals at room temperatures:

Hydrochloric acid, 3 %	2.50 bar (slight yellowing)
Sulfuric acid, 35 %	2.40 bar
Citric acid, 100 g/l	2.40 bar
Lactic acid, 5 %	2.40 bar (slight yellowing)
Potassium hydroxide, 20 %	2.40 bar
Sodium hypochlorite, 0.3 g/l	2.40 bar (change of colour)
Saline solution, 20 g/l (sea salt)	2.40 bar



## TEKATRAK HIDROIZOL

*Sealant tape system for watertight sealing in bathrooms, swimming pools and cellars in combination with watertight mortars*

Beside the **Tekatrak Hidroizol** tape, we are also offering a range of special elements of equal quality:

- **Tekates Hidroizol kotnik zunanji** (external corner element)
- **Tekates Hidroizol kotnik notranji** (internal corner element)
- **Tekates Hidroizol manšeta 120 x 120 mm** (round covers/cuffs for installation openings in walls)
- **Tekates Hidroizol manšeta 350 x 350 mm** (cuffs for sealing drains and installation openings on the floor)

### INSTRUCTIONS FOR USE

**Tekatrak Hidroizol** tapes are laid on the joints on an adequately prepared surface, which has to be dry, clean, free from dust and grease stains. Smear both sides of the joint with watertight grout. Press the net on the borders of the tape into fresh grout and leave to dry. Cover the entire surface with the watertight grout so that the net is completely covered. After the first layer has hardened, apply the second layer of watertight grout (see technical data for **Hidroizol N / S / EL**). Lay the tapes and corner elements so that they overlap; for a better result, glue them together with the **Tekaflex MS 15** sealant.

## TEKATRAK HIDROIZOL - SELFADHESIVE

### PRODUCT DESCRIPTION AND USES

**Tekatrak Hidroizol – selfadhesive** tapes are produced on the basis of butyl-rubber glue on a polypropylene tissue. The butyl-rubber glue adheres well to all types of dry surfaces, therefore it enables good adhesion and resistance against breaking even under extreme load. The tapes are elastic, watertight and resistant to high temperatures. The **Tekatrak Hidroizol – selfadhesive** tapes can be used in various areas of construction; they are particularly suitable for watertight sealing in damp spaces such as bathrooms, showers etc.

### TECHNICAL CHARACTERISTICS

Width	80 mm
Thickness	ca. 0.6 mm
Temperature stability	-30°C / +80°C
Working temperature	+5°C / +40°C
Adherence to surface	≥ 4 N/cm <sup>2</sup>
Watertightness (DIN 52 123)	compliant with the standard
Diffusion ratio (m)	ca. 450,000

### INSTRUCTIONS FOR USE

The surface has to be adequately prepared. Remove all loose parts. The surface has to be dry, clean, free from dust, grease stains and bitumen. Repair large damages – the surface has to be free from unsound material and sharp edges (pop-outs of aggregate or concrete). Apply the adhesive tape: first remove one part of protective foil, affix the tape, then remove the second part of the foil and press the tape firmly onto the surface. Take care that there are no air bubbles caught beneath the tape. Continue by applying the first layer of watertight grout, followed by a second layer after the first one has hardened. Apply as indicated in the instructions (see technical data sheets for **Hidroizol N / S / EL**).

**Warning:** The butyl-rubber based glue is sensitive to solvents.

### PACKGING

- 50 m rolls

### STORAGE

- Store in unopened packaging in a dry place at a temperature up to +30°C.
- In the appropriate storage conditions, the shelf life of the product is min. 12 months from the production date.

### PACKGING

- 10 m rolls

### STORAGE

- Store in unopened packaging in a dry place at a temperature up to +30°C.
- In the appropriate storage conditions, the shelf life of the product is min. 12 months from the production date.

### NOTE

**Tekatrak Hidroizol** is a new product line. Instructions are given on the basis of examinations and technical experience of the firm. Due to specific conditions and work methods, preliminary tests are advised for every type of use. Since we cannot influence the course of work, we cannot be held responsible for its quality.