



WATERFIN TP sealing strips/preformed pieces

Elastic rubber strips/preformed pieces for cracks and fractures sealing

1. Product characteristics

Special rubberized POP fabric strips

- highly elastic
- resistant to wide range of temperature
- provides excellent sealing of both active and non-active cracks
- high radon diffusion resistance
- resistant to salts, diluted acids and alkalis

2. Use

WATERFIN TP sealing strips/preformed pieces are used for permanent, flexible sealing of contact and edge joints, pipes and ducts through walls and floors, outlets in pools, tanks and showers, and for the sealing of vertical and horizontal surfaces provided with the **WATERFIN PV** flexible polymer-cement grout.

WATERFIN TP sealing strips are intended for use in permanently moist environments such as those of swimming pools, bathrooms, car wash facilities, food manufacturing establishments, showers, kitchens, and a like.

Concrete, fully pointed brickwork, cement renderings, cellular concrete, gypsum board, cement grouts and mortars, cast bitumen, etc., are all suitable surfaces for applications of this product.

In the preparation of waterproofing barriers, the **WATERFIX XP(TH)**, or **MONCRETE MONOMIX XP(TH)** mortars are particularly suitable backing materials.

3. Physical and mechanical parameters

Color	grey
Tensile strength (MPa)	7
Water-tightness (bar)	40
Elongation under 20 °C (%)	70-80
Temperature resistance (°C)	-35 ÷ + 100

4. Test certificates

The product is certified according to Act No. 22/1997 Coll. and Governmental Decree No. 163/2002 Coll. Continuous independent production quality control is provided by AZL 1687 LABBET®. Supervision of quality management, environmental and OSH systems is performed by Certification Body No. 3029.

5. Instruction for preparation and application

Strips and preformed pieces **WATERFIN TP** are anchored to the base by water-proofing spread coating **WATERFIN PV**. It should be anchored in such a way that the portion of the strip or preformed piece which is covered with a butyl-rubber layer **isn't** anchored to the base and can freely deform (stretch) against the base in this rubberized part. The anchoring itself is carried out using perforated mesh vulcanized on both sides in a butyl rubber strip.

The anchoring starts with a surface penetration by **DENSOCRETE 222** agent or by liquid component of **WATERFIN PV** diluted in a ratio about 1:3 – 1:5. On such primed base a waterproofing spread coating **WATERFIN PV** is applied by hard-hair brush so that the base around both sides of the crack or fracture – the place where the strip or preformed piece should be applied (i.e. about 50 mm from the crack or fracture) **isn't coated**. Butyl-rubber part of the stripe must not stick to the base. After the initial setting of **WATERFIN PV** coating, i.e. after about 4 – 6 hours in dependence on the temperature of the base and the ambient air, second layer of **WATERFIN PV** is applied and the perforated mesh fabric, that creates the edge of the strip, is well pressed into the fresh coating. After the initial setting (see above) both the edge of the stripe and its facing part are coated with **WATERFIN PV** spread at least twice with appropriate technological delays.

To ensure watertight contact of the strip or preformed piece during connecting, it is necessary to ensure that at the place where they are connected there is an overlay of at least 10 – 15 cm. The connection is carried out by applying **WATERFIN PV** spread coating on the bottom side of the connection and by subsequent over-coating of the upper side of the strip.

6. Specific consumption

In dependence on the specific conditions for application, the consumption usually amounts to 1 – 1.2m of strip/preformed piece per 1 meter of crack/fracture.



7. Packaging and storage

Type	Order code	Winding/package
Sealing strip of 125 mm width	Waterfin TP /a	10, 20, 50 m
Sealing strip of 150 mm width	Waterfin TP /b	10, 20, 50 m
Inside corner 140 mm x 140 mm	Waterfin TP /d	1 pc.
Inside corner 140 mm x 140 mm	Waterfin TP /e	1 pc.
Flexible passage 100 mm x 100 mm	Waterfin TP /f	1 pc.
Flexible passage 400 mm x 400 mm	Waterfin TP /g pref	1 pc.

The strips must be stored in a cool, dry area. In original undamaged packaging, the storage life of the stripping is unlimited.

8. Health protection at work

Working with the **WATERFIN TP** sealant stripping and with the **WATERFIN PV** two-component waterproofing paint does not require any special health precautions. **WATERFIN PV** (the dry component) does contain alkaline substances and, therefore, contact with the eyes and mucous membranes should be avoided.

10. Important notice

All information mentioned above, especially advice for processing and application of our products is based on our knowledge from the development of chemical products and on years of experience with applications in practice at standard conditions, and proper storage and use. Due to the differing conditions during processing, high count of products, varying nature and modifications of base and other external influences, the procedure based on the information provided or on other written or oral recommendations, may not always ensure satisfactory working results. BETOSAN s.r.o. assumes no liability for provided advice or recommendation. The applicator must prove, that he submitted complete information on time and in writing which is necessary for a proper detailed assessment by BETOSAN s.r.o. The applicator must test the suitability of the products for the intended application. Proprietary rights of third parties, above all, must be taken into account. All received are orders subject to our current "General sales and delivery conditions ". Please always make sure that you follow the most recent issue of the Technical Data Sheet. It is available, along with other information, at our Technical Department or at www.betosan.cz

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WATERPROOFING



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