

WATERFIN STS

Elastic butyl rubber strips for joints, cracks and fractures sealing

1. Product characteristics

Butyl rubber strip provided on both sides with a vulcanized textile

- highly elastic
- resists to wide range of temperatures
- provides perfect sealing of expansion joints and both active and non-active cracks
- exhibits a high diffusion resistance against radon
- resistant to salts, dilute acids and alkalis

2. Use

WATERFIN STS is used especially for elastic and permanent sealing of expansion joints in concrete and reinforced concrete tanks, end and corner joints, active cracks, leaking work joints etc. It can be used also for connecting vertical and horizontal surfaces provided with **WATERFIN PV** elastic polymer-cement insulation slurry.

WATERFIN STS is intended for permanently wet environment such as pools, bathrooms, car washes, food plants, showers, kitchens etc. A suitable base for application can be concrete, fully pointed masonry, cement plasters, porous concrete, plasterboards, cement screeds and mortars etc.

3. Physical and mechanical parameters

Color	grey
Tensile strength (MPa)	7
Water tightness (bar)	40
Elongation at 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

WATERFIN STS strips are anchored to the base by **WODAFLEX tmeI** adhesive sealant on MS polymer basis.

To achieve an absolutely watertight jointing of the strips, it is necessary to ensure that at the joint, the strips are overlaid at least in width of the strip, i.e. at least 15, resp. 25 cm. The joint is connected by applying **WODAFLEX tmeI** adhesive sealant on MS polymer basis on the bottom side of the joint and subsequent pressing the strip together.

6. Specific consumption

In dependence on the specific conditions for application, the consumption usually amounts to 1 – 1.2m of the strip per 1m of joint length.

7. Packing and storage

Type	Code for order	Roll
sealing strip of 120 mm width	WATERFIN STS 120	50 m
sealing strip of 150 mm width	WATERFIN STS 150	50 m
sealing strip of 250 mm width	WATERFIN STS 250	25 m

WATERFIN STS strips must be stored in a dry and cool place. In undamaged packing the shelf life of the product is unlimited.

8. Health protection at work

Handling **WATERFIN STS** does not require any extraordinary hygienic precautions. While handling **WODAFLEX tmeI** any contamination of mainly eyes or mucous membrane must be prevented.

9. Waste disposal

During disposal of contaminated packages or clearing debris from product, it is necessary to follow the Act No. 185/2001 Coll. on waste, as amended.



4

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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 orders are 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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