



## Single-component insulation elastic sealant

### 1. Product characteristics

Single-component insulation elastic sealant based on MS polymers intended for sealing and filling connection and expansion joints both in interior and exterior

- supplied as single-component, solvent-free
- ready for direct application
- does not require base priming
- hygienic, eco-friendly
- watertight
- permanently frost-resistant
- perfect adhesion to concrete base

### 2. Use

WODAFLEX tme1 has wide range of use, it cures by air humidity and it can be used for both absorbent and non-absorbent bases. The sealer creates softly elastic, water-tight connection with excellent resistance to weather effects and various chemicals. The material is solvent free, does not contain isocyanates or silicones. Exhibits minimal shrinkage. It is suitable for filling of joints in the area of building constructions, sealing of joints during window installation, door installation, roof installation or repair.

### 3. Physical and mechanical parameters

Requirements / results according to EN 14891

		Testing method	Requirements	Results
Adhesion to base (MPa)	initial	EN 14891	> 0.5	> 0.8
	after contact with water	EN 14891	> 0.5	> 0.8
	after aging in heat	EN 14891	> 0.5	> 0.8
	after de-icing cycles	EN 14891	> 0.5	> 0.8
	after contact with limewater	EN 14891	> 0.5	> 0.8
Water tightness		EN 14891	no penetration	no penetration
Crack-bridging ability under normal conditions		EN 14891	> 0.75	> 2.5 mm

#### Additional parameters

Color	non-standard light grey
Bulk density (g/cm <sup>3</sup> )	1.5
Absorbability (%)	0
Temperature resistance (°C)	-40 ÷ +80
Elasticity (maximum movement in the joint)	>150 %

WODAFLEX tme1 also meets ČSN EN ISO 11600 Building constructions - Sealants – Classifications and requirements for sealants

**Chemical resistance:** WODAFLEX tme1 resists well to many chemicals. Resistance to specific chemical needs to be checked with the manufacturer.

### 4. Test certificates

Meets the requirements of EN 14891.

The product is certified according to Act no. 22/1997 Coll. and the Regulation (EU) no. 305/2011 (CPR).

Continuous independent control of production quality ensures the AZL 1687 LABBET®.

Supervision of quality management system, relation to the environment system and occupational health and safety system performs the certification body no. 3029.

### 5. Instruction for preparation and application

Sealed surfaces must be strong, load-bearable, clean, dry, free of oils or grease and dust. The surfaces must not be soiled with substances containing bitumen or tar.

WODAFLEX tme1 is applied in an even layer over the entire length of the sealed joint. It is necessary to prevent the sealer from adhering at the bottom of the sealed joint. It is therefore recommended to install **POLYFIX PEP**-filling profile, at the bottom of the joint prior to the sealing. This will also regulate the thickness of the sealer in the joint. Best adhesion of the sealer is attained by not entrapping any air inside the joint. This can be best achieved



by mechanical pressure onto the applied sealer in the joint. Desirable shape of the sealer in the joint should be created immediately upon filling the joint with sealer. (See also Technical Procedure BETOSAN s.r.o.). Temperature of the sealed surfaces shall not be below + 5 °C and above + 40 °C.

## 6. Specific consumption

Specific consumption of the **WODAFLEX tmeI** elastic sealer amounts to 1 cartouche (290 ml) per 2.9 linear meters for joint of 10 x 10 mm cross section.

## 7. Packing and storage

**WODAFLEX tmeI** is supplied in PE cartouches of 290 ml. Store in a dry and cool place under temperature between +5 and +25 °C. The shelf life of the product in original undamaged packing is 12 months. See the label for expiration date.

## 8. Health protection at work

Handling **WODAFLEX tmeI** does not require any extraordinary hygienic precautions. In case of accidental ingestion rinse mouth with water and drink approximately 0.5 l of water. Seek medical help. In case that eyes are affected by the product, clean eyes with running water and seek medical help.

Issued MSDS meets the requirements of EC-Regulation 1907/2006, Article 31.

Because the product meets the criteria for classification as hazardous, it is necessary to provide the recipient or carriers with MSDS.

In countries where regulation REACH (para. 33.1): EU regulation on chemicals and their safe use (REACH: EC 1907/2006) is valid, professional users and distributors must be provided with following information automatically and without request:

*This product is subject to Regulation (EC) No. 1907/2006 (REACH). It does not contain any substances that could be released from product under normal or reasonably foreseeable conditions of use. Therefore, there are no registration requirements for substances in articles within the meaning of Article 7.1 of the Regulation.*

*Based on our current knowledge, this product does not contain SVHC (substances of very high concern) from candidate list published by the European Chemicals Agency in concentrations above 0.1% (w / w).*

## 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.

## 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](http://www.betosan.cz)



## 11. CE marking

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<b>BETOSAN s.r.o.</b> Na Dolinách 28, 147 00 Prague 4		
<b>WODAFLEX tmel</b>		
4-26/072013		
Adhesion to base (MPa)	initial	> 0.8
	after contact with water	> 0.8
	after aging in heat	> 0.8
	after de-icing cycles	> 0.8
	after contact with limewater	> 0.8
Water tightness		no penetration
Crack-bridging ability under normal conditions		> 2.5 mm
EN 14891:2017		
1301		
Sealant for waterproof coatings		

Technical Data Sheet No. 4-26  
Issued 30.9.2019  
6 804 426 376

WATERPROOFING

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