

BETOLASTIC putty 25 MS UNI

Single-component elastic universal sealant

1. Product characteristics

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

- does not contain solvents
- odorless
- perfect adhesion to wide range of materials
- minimum shrinkage
- strong resistance to UV radiation
- perfect paintability with color topcoats

2. Use

BETOLASTIC putty 25 MS UNI 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. For more information about sealants of the **BETOLASTIC** series seek appropriate Technological procedure Betosan - sealants.

3. Physical and mechanical parameters

Color	white, light grey, black
Bulk density (g/cm ³)	1.5
Hardening rate at 23 °C, RH 50%	2 mm/24 hours
Maximum movement in the joint	± 25 %
Temperature resistance (°C)	- 40 ÷ +80
Shore hardness A at 23 °C, RH 50%	ca 25

4. Test certificates

The product is certified according to § 12 of Act No. 22/1997 Coll. and according to § 6 of Government Regulation No. 163/2002 Coll. as amended.

Continuous independent production quality control is provided by AZL 1687 LABBET®.

Supervision of Quality Management Systems, Environmental Relations and OSH is carried out by 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. In case of treating absorbent or very absorbent surfaces (coherent cement plasters, porous concrete, etc.) it is recommended to treat the joint or surface with the **BETOLASTIC primer** before applying the sealant. After drying out of the priming coat the **BETOLASTIC putty 25 MS UNI** 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 non-adhesive material e.g. mirelon (special foam polyethylene) lines 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.). Once opened package use immediately, if possible. Temperature of the sealed surfaces shall not be below + 5 °C and above + 40 °C. Dried out material can be removed only mechanically.

6. Specific consumption

One PE cartouche (290 ml) fills up a joint of 10 x 10 mm cross section and 2.9 m of length. One package in the aluminum foil (600ml) fills up a joint of 10 x 10 mm cross section and 6 m of length.

7. Packing and storage

BETOLASTIC putty 25 MS UNI is supplied in PE cartouches of 290 ml, or in aluminum foil package of 600 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 **BETOLASTIC putty 25 MS UNI** 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

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