

# PROFILL

## Jointing material

### 1. Product characteristics

Cement based jointing material for jointing of paving and tiles

- suitable for both exterior and interior
- mixed with water only
- permanently frost and water resistant
- alkali resistant

### 2. Use

**PROFILL** is a single-component cement based jointing material with very fine fillers and modifying admixtures for excellent workability during filling of joints. It is intended for jointing of tile work on vertical surfaces as well as paving in regular exposure such as hallways, toiled-rooms, bath-rooms, showers etc.

### 3. Physical and mechanical parameters

Color	grey, white
Bulk density (kg/m <sup>3</sup> )	1 310 ± 50
Grain size (mm)	> 0.2
Tensile bending strength (MPa)	> 2.0
Compressive strength (MPa)	> 10.0

### 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

Dry jointing material needs to be mixed with 0.35 liters of water per 1 kg of dry mix, i.e. 1.75 liters of water per PE container of 5 kg. Material needs to be mixed thoroughly to create homogeneous paste, after mixing the material needs to be let sit for 10 minutes and mixed again. Optimal is to use electrically driven propeller for mixing. Such created paste is then filled into joints in tile work using rubber squeegee. The joints should be free of dust or debris. It is recommended to remove all excessive jointing material right after initial setting. After final drying, the material can be easily removed using dry soft fabric. The newly filled joints should be wetted (by wet sponge) number of times to make sure that the material cures properly. Joints can be intensively wetted (by showering etc.) after 7 days.

Workability is max. 2 hours after mixing with water.

Neither temperature of base nor temperature of ambient air shall be below + 5 °C and above + 30 °C.

### 6. Specific consumption

Specific consumption of dry mix amounts 0.4 ÷ 0.5 kg/m<sup>2</sup> for tiles 150x150 mm and joint width of 3 ÷ 4 mm.

### 7. Packing and storage

The product is supplied in PE containers of 5 kg. The shelf life of the product in original undamaged packing is 6 months. **PROFILL** must be efficiently protected against moisture during storing and transportation.

After the expiration of min. shelf life, which is stated on the packaging, ingredients are not fully effective at reducing chromium VI below 2 ppm.

### 8. Health protection at work

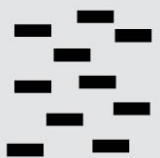
Handling the **PROFILL** dry mix does not require any extraordinary hygienic precautions. The product contains alkalis and therefore any contamination of mainly eyes or mucous membrane must be prevented. Health and labor safety rules applicable to work with cement or lime mortars are to be adhered to.

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 (par. 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)

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SPECIAL MORTAR MATERIALS



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