

# SANOFIX Trass F



## Stucco for SANOFIX Trass In and SANOFIX Trass Ex restoration mortars finishing

### 1. Product characteristics

Single-component dry mortar mixture on basis of natural trass binder, inorganic binders, classic and lightened fillers and special admixtures providing higher porousness and hydrophobicity on the final layer. Meets the requirements of EN 998-1.

- meets the requirements of WTA 2-9-20/D
- low diffusion resistance, i.e. high water vapor permeability
- provides a suitable base for permeable coatings
- finalizes the same way like a classic stucco

### 2. Use

**SANOFIX Trass F** is a single-component dry mortar mixture with high porosity and hydrophobicity. It is used as a last final layer of **SANOFIX Trass** restoration system. It is employed as a classic stucco. Applied manually at a thickness up to 2 mm.

### 3. Physical and mechanical parameters

#### Requirements/results according to EN 998-1

Properties	Requirements	Declared value or class
Reaction to fire	-	A1
Water vapor permeability $\mu$	$\leq 15$	$< 10$
Penetration after absorption test (mm)	$\leq 5$	$< 5$

#### Physical and mechanical parameters

Color	white
Granularity (mm)	$0 \div 0.7$
Water consumption per 1 bag (25 kg) (l)	$11 \div 12.5$
Specific consumption of the dry mix per $1\text{m}^2$ at a 2 mm layer thickness (kg)	2
Porosity (%)	$> 45$
Capillary absorption (mm)	$< 5$

### 4. Test certificates

Meets the requirements of EN 998-1.

The product is certified according to Act No. 22/1997 Coll. and Regulation (EU) No 305/2011 of the European Parliament and of the Council (CPR).

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

**Base.** The base for **SANOFIX Trass F** restoration stucco mortar is a well matured **SANOFIX Trass In** or **SANOFIX Trass Ex** restoration mortars. Before applying the restoration stucco, the base must be cleaned from dust and dirt and the surface must be evened out. The surface of the restoration plaster should be rough – „opened“ to ensure a proper mechanical anchoring of the final layer. Therefore, it is unacceptable to trowel the base restoration plaster using a dense materials (steel, PVC) or to felt it. It is recommended to roughen the base using a grate scraper or a steel brush. Dried out base plasters should be slightly moistened in advance before applying the stucco layer.

**Mortar preparation.** Dry mortar mixture is simply mixed with potable water in a recommended ratio. Water meeting ČSN 73 2028 can be used as well. The amount of water can be adjusted to achieve a suitable consistency for manual spreading of the stucco on the base.

In small volume the mortar can be mixed by an electric drill driven propeller, larger volume is prepared in a concrete mixer or a gravity mixer. The mixing time should be adjusted to its intensity. In a gravity mixer it is about 5 – 10 minutes.

**Workability** of the product is  $60 \div 90$  minutes at  $20\text{ }^\circ\text{C}$ .

Neither **temperature of base** nor temperature of ambient air shall be below  $+ 5\text{ }^\circ\text{C}$  and above  $+ 30\text{ }^\circ\text{C}$ .

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**Mortar application.** **SANOFIX Trass F** is usually applied by a classic manual spreading. Stucco is always applied in one layer, at a thickness up to maximum 2 mm. Thicker layers tend to create the shrinkage cracks.

**Surface finalization** is done after withering of the stucco by a felt or foam float.

**Surface treatment.** Finalized surface should be protected from direct sun exposure and the effect of wind and other factors, accelerating undesirable evaporation of the batch water. Surface coatings can be applied after 14 days at least, ideally after 28 days, in dependence on the temperature and the relative humidity of the ambient air.

**Notice.** In less exposed facilities it is recommended to treat the surface of the matured **SANOFIX Trass F** restoration stucco by a limewater coat. It is specifically **not** recommended to use wall paints with organic ingredients (glue, casein) as a final surface finishing over a **SANOFIX Trass** plaster system. Such paints increases the risk of mold under an intensive water vapor diffusion through the plastering system.

Potential interior and exterior coatings must have low diffusion resistance. Therefore, it is recommended to use silicate (**SANOFIX SILIKAT W**) or silicone paint. Exterior paints that are not hydrophobic should be treated by a hydrophobic coating in about 100 cm above the ground.

## 6. Specific consumption

Specific consumption of the dry mixture is 2 kg per 1 m<sup>2</sup> at 2 mm layer thickness. 1 bag is enough to plaster ca 12 m<sup>2</sup> of masonry.

## 7. Packing and storage

The product is packed into 25 kg PE-lined paper bags.

**SANOFIX Trass F** must be efficiently protected against moisture during transportation and storage. Shelf life in undamaged packing is 6 months.

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 **SANOFIX Trass F** restoration mortar 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)



## 11. CE marking

<b>CE</b>	
<b>BETOSAN s.r.o.</b> Na Dolinách 28, 147 00 Prague 4	
03	
EN 998-1:2017	
<b>SANOFIX Trass F</b> Restoration stucco	
Reaction to fire	A1
Water absorption (kg/m <sup>2</sup> )	NPD
Water vapor permeability $\mu$	< 10
Adhesion (N/mm <sup>2</sup> )	NPD
Thermal conductivity	NPD
Durability	NPD
Dangerous substances	meets 5.3.4

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