

Stucco for SANOFIX H restoration mortar finishing

1. Product characteristics

Single-component dry mortar mix based on inorganic binders, standard and light-weight fillers and special admixtures ensuring the increased porosity and water repellent properties of the coating. Meets the requirements of EN 998-1.

- meets the requirements of WTA 2-9-20/D
- exhibits a low diffusion resistance, i.e. is highly permeable for water vapor
- provides a suitable base for application of suitable paint coats
- final surface resembles that of fine lime plaster

2. Use

SANOFIX F is a single-component dry mortar mix with high porosity and water-repelling properties. It is used as the final coat of the **SANOFIX** restoration system, where it performs the function of a fine lime plaster. It is applied manually in a thickness up to 2mm.

3. Physical and mechanical properties

Requirements / results according to EN 998-1

Essential characteristics	Declared result or class
Reaction to fire	Class A1
Penetration after testing of absorption (mm)	< 5

Physical and mechanical properties

Color	white
Grain size (mm)	0 ÷ 0.7
Mix water consumption in liters per 1 bag 25 kg (l)	11 ÷ 12.5
Consumption of the dry mixture to 1 m ² at a thickness of 2 mm (kg)	2
Porosity (%)	> 45

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 application surface for **SANOFIX F** restoration stucco is provided by a well-cured restorative rendering of **SANOFIX H**, which should first be cleaned of all impurities and leveled adequately. The surface of the base rendering should be coarse and 'open' to ensure a satisfactory mechanical anchoring of the top plaster. For this reason, the rendering should not be finished with a steel, felt, or PVC trowel. It is also recommended that the surface be scratched with a devil trowel or a steel wire brush. Excessively dry renderings should be lightly moistened some time before application of the top coat.

Preparation of the mortar. The dry mortar mix must be mixed with the recommended amount of potable water or water conforming to Czech standard ČSN 73 2028. The amount of water added should be adjusted to achieve a consistency suitable for manual application. Smaller amounts of the mortar may be mixed with a mixing propeller fitted to an electric drill. Larger amounts may be mixed in conventional mortar or concrete mixers. The time of mixing should be adjusted with regards to its intensity. When using a gravity mixer, the time of mixing should be 5 to 10 minutes.

The time of workability at 20 °C is 60 to 90 minutes.

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

Application. **SANOFIX F** is applied with a standard trowel, in a single coat only, with a thickness of no greater than 2mm. Any greater thickness would result in the risk of shrinkage and cracking.

After a primary set, the coat is finished with a felt or polyurethane trowel.

Surface treatment. The final surface must be protected from direct sunlight, wind and other factors which could bring about the undesirable rapid evaporation of the mix water. Depending on the temperature and relative humidity of the ambient atmosphere, application of top paint coats should be carried out only after 14 days and, ideally, after 28 days.

Notice. In less-exposed premises it is recommended to whitewash the surface of **SANOFIX F**. Application of glue-based distemping paints containing organic components must be avoided as the materials promote the growth of moulds under humid conditions. All finishing paints, both exterior and interior, must exhibit a low diffusion resistance. For this reason, the use of silicate or silicon paints is recommended (for example SANOFIX SILIKAT W). Exterior paint coats not exhibiting water-repellent properties should be treated with a water-repellent agent to a height of 100cm above ground level.

6. Specific consumption

Consumption of the mixture to 1 m² at a thickness of 2 mm, is 2 kg.

7. Packing and storage

The product is supplied in triple-ply paper bags with a sprayed-on PE inner lining, with a net capacity of 25 kg. During transport and storage, **SANOFIX F** must be efficiently protected against moisture. The storage life of the product in original undamaged packaging is 6 months.

8. Health protection at work

Work with the **SANOFIX F** dry mortar mix does not require any extraordinary precautions with respect to personal health. The product contains alkaline components, therefore contact with eyes and mucous membranes should be avoided. Safety regulations pertaining to working with cement- or lime-based materials should be observed.

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.

11. CE marking

CE	
BETOSAN s.r.o. Na Dolinách 28, 147 00 Prague 4	
03	
EN 998-1:2017	
SANOFIX F Restoration plaster	
Reaction to fire	A1
Water absorption	NPD
Water vapour permeability μ	NPD
Adhesive Bond	NPD
Thermal conductivity	NPD
Durability	NPD
Dangerous substances	meets 5.3.4

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