

## Anchoring compound enhancing adhesion of the SANOFIX restoration system

### 1. Product characteristics

A single-component dry mortar mix with a high degree of adhesion to the base, improved porosity and good water vapor permeability. The restoration anchoring compound is composed of Portland cement (aggregates of maximum 4mm grain size and optimum grain size distribution), and special admixtures ensuring good adhesion and extensive aeration of the mix. Meets the requirements of Annex ZA of EN 998-1.

- conforms to the requirements of WTA 2-9-20/D
- mixed with water only
- applied either manually or by dry spraying
- perfect adhesion to base
- permanently water proof
- high porosity and a low diffusion resistance to water vapor
- exhibits internal water repellent properties

### 2. Use

**SANOFIX KP** is a part of the **SANOFIX** restoration system. It is an efficient adhesive intermediate coat, ensuring perfect anchoring of the **SANOFIX H** restoration rendering to highly compact surfaces (such as stone masonry, combined masonry, concrete, etc.).

### 3. Physical and mechanical properties

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

Properties	Declared value or class
Reaction to fire	Class A1
Adhesive Bond	> 1.5 N/mm <sup>2</sup>
Compressive strength	Class CS II

#### Physical and mechanical properties

Color	non-standard grey
Grain sizes of the mix (mm)	0 ÷ 4
Content of air pores (%)	< 30

### 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

The surface. The surface of brickwork, masonry or concrete that is to be restored must be thoroughly cleaned of old plaster, any impurities and dust. Previous rendering and plaster must be removed up to a height of approximately 100cm above the boundary of capillary moisture. The mortar of both vertical and horizontal joints must be scraped off to a depth of about 2cm. Any damaged wall elements (bricks, stones) should be replaced. In extreme cases, the wall should be re-profiled with **WATERFIX XP TH** restoration re-profiling material. Before application of the **SANOFIX** compound, the surface must be cleaned with pressure air or a steel wire brush. Within the framework of preparations for restoration, samples should be taken for determining the moisture content of the brickwork and the content of salts (sulphates, nitrates, chlorides) in the mortar and the bricks or stones. The optimum thickness of the restoration rendering system may then be determined accurately according to these results.

Preparation of the mortar. The dry mix should be mixed with potable water. Smaller amounts of the mortar can be mixed with an electric drill fitted with a mixing propeller, and larger amounts should be mixed with conventional mortar or concrete mixers. Water consumption is 4 to 5 liters per one bag of 25 kg. The mixing time is 10 to 15 minutes. Additions of binders or other components to the mix are not advisable.

The period of workability at 20 °C is 60 minutes.

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

Application of the compound. The material is applied either manually or with a plastering machine. The restoration adhesive compound should be applied in a thin layer at a 5mm maximum thickness, either cross-wise or in a target fashion, so as to cover at max. 50% of the area. Covering the entire area is definitely undesirable. The coat does not require any additional treatment. It should be protected from direct sunlight, the effects of wind, and other factors accelerating the undesirable evaporation of the mix water.

## 6. Specific consumption

From 1 bag of **SANOFIX KP** approximately 15 l of mortar is prepared. Consumption of the mixture per 1 m<sup>2</sup> at coverage of 50% of 3 mm thickness is 2.4 kg.

## 7. Packaging and storage

The product is supplied in 25 kg triple-layer paper bags with a sprayed-on PE inner lining. During transport and storage, **SANOFIX KP** must be efficiently protected against moisture. The shelf life in undamaged original packaging 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

Working with the **SANOFIX KP** restoration rendering does not require any special precautions with respect to personal health. This product does contain alkaline components and thus should not come into contact with eyes or mucous membranes. Regulations for protection of health pertaining to the use of cement or lime mortars must be respected.

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

<b>CE</b>	
<b>BETOSAN s.r.o.</b> Na Dolínách 28, 147 00 Prague 4	
03	
EN 998-1:2017	
<b>SANOFIX KP</b> <i>Anchoring compound</i>	
Reaction to fire	Class A1
Water absorption	NPD
Water vapour permeability $\mu$	NPD
Adhesive Bond	$\geq 1.5 \text{ N/mm}^2$
Thermal conductivity	NPD
Durability	NPD
Dangerous substances	meets 5.3.4

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