

## Diffusional salt eliminator

### 1. Product characteristics

High quality, sulphates resistant, insulation coating for structures insulation by **SANOFIX** system.

- good workability, mixed with water only
- can be applied on wet substrate
- perfect adhesion to base
- highly elastic, able to bridge cracks
- supports drying – coating is water vapor permeable
- suitable for both interior and exterior
- used on substrates containing salts

### 2. Use

**SANOFIX WPK** is a high quality, sulphates resistant, insulation coating for structures insulation by **SANOFIX** system. It is especially suitable for additional basements insulation against soil moisture, for rehabilitation of wet areas of masonry in case of overall leaking. It is also suitable for insulation of new buildings (basements) against non-pressure water from the outer side of the structure.

### 3. Physical and mechanical parameters

Adhesion to base (MPa)	initial	> 1.5
	after contact with water	> 1.0
	after warm aging	> 1.5
	after thawing cycles	> 1.0
	after contact with limewater	> 0.9
Water-tightness	no leakage	
Crack-bridging ability at normal conditions (mm)	> 1	
Color of the coating	Non-standard grey	
Elongation	> 30 %	
Diffusion resistance $R_d^{H_2O}$ (m)	< 1	

### 4. Test certificates

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.** Any old, incoherent, loose, weatherworn or full of salts plasters, cement plasters, loose masonry, all non-homogeneities, old wooden blocks, metal particles, handles etc. must be completely removed from the surface of the base. The surface cannot be contaminated by substances negatively affecting adhesion to the base (fats, greases, oils, etc.). Old plaster must be removed at least 100 cm above the line of the rising moisture. The vertical and horizontal masonry joints must be scratched out to a depth of about 20 mm, and replace the damaged masonry elements or repair these areas by **WATERFIX XP TH** mortar. Masonry should be cleaned in advance by compressed air or steel brush.

The surface must be especially dust free. To ensure a proper adhesion to a very dry base, it is recommended to prime the base with **DENSOCRETE 222** agent, diluted in ca 1:5 in dependence on the absorbability of the base. In case of application in exterior, it is necessary to ensure that the substrate layers are frost resistant.

**Coating preparation.** **SANOFIX WPK** is supplied as a dry material. The coating is prepared by constant mixing and gradually adding the specified amount of water to the dry component, until a mushy consistence suitable for application is achieved. The optimum amount of water is  $0.2 \div 0.3$  liter/kg of dry matter, i.e.  $5 \div 7.5$  l of water per 25 kg pack. In case of further diluting of the coating, the mix must be perfectly homogenized.

**Workability** of the product is max. 60 minutes at 20°C and relative humidity 50 to 70 %. Prepared suspension must be protected against desiccation

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

**Application of the diffusional salt eliminator.** The coating is applied by a brush in two layers. Application should be crisscross (brush or roller movements in two perpendicular directions). Second layer can be applied after hardening of the previous one, i.e. ca after 24 hours.

The coating can be applied by a suitable air-less equipment or alternatively by trowel or a float. Recommended layer thickness is 1 mm. This corresponds to the correct application in two layers.

**Restoration plaster application.** In the last fresh layer of the coating **SANOFIX KP** anchoring compound is applied. After 24 hours **SANOFIX H** restoration plaster can be applied on such prepared substrate.

## 6. Specific consumption

Specific consumption of dry compound amounts to 1.5 to 1.7 kg/m<sup>2</sup> at 1 mm of layer thickness in dependence on roughness and absorbability of the base.

## 7. Packing and storage

**SANOFIX WPK** is packed into 25 kg PE-lined paper bags. **SANOFIX WPK** must be efficiently protected against moisture during transportation and storage. The shelf life of the product in original undamaged packing is 9 months.

## 8. Health protection at work

Handling **SANOFIX WPK** single-component hydro insulation coating does not require any extraordinary hygienic precautions. The product contains alkalis and therefore any contamination of mainly eyes or mucous membrane must be prevented.

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

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<b>BETOSAN s.r.o.</b> Na Dolinách 28 147 00 Prague 4		
14		
EN 14891:2013/AC		
<b>SANOFIX WPK</b> <i>Diffusional salt eliminator</i>		
Adhesion to base (MPa)	initial	> 1.5
	after contact with water	> 1.0
	after warm aging	> 1.5
	after thawing cycles	> 1.0
	after contact with lime water	> 0.9
Water-tightness		no leakage
Crack-bridging ability at normal conditions (mm)		> 1.0

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BETOSAN MOIST MASONRY REPAIR ACCORDING TO WTA 2-9-20/D