

TECHNICAL DATASHEET - 2K-SEALING ADHESIVE SX1

PROPERTIES

Easily applicable, fast setting, flexible sealing adhesive with an excellent bonding to mineral surfaces. Non -shrinking and crack-free setting. The sealing adhesive is completely watertight against positive and negative pressured water. Permeable to vapour diffusion, impermeable to chlorides as well as resistant to frost and ageing. Effective CO₂-Barrier. Crack bridging over 1 mm even at lower temperatures.



APPLICATION

Suitable for surfaces, which are sufficiently stable as screed and heated screed, concrete, masonry, aerated concrete and plasters. Provides waterproofing under tiles at high water exposure, for wet rooms (walls and floors), terraces and balconys. Applicabl e to seal massive constructed swimming pools and water tanks. Also able for cellar sealing and for protecting concrete against carbonation.

Ideal as sealing adhesive for Polyfleece SX® 1000 Wall when sealing membrane is postapplied.

TECHNICAL DATA

Processing temperature:	+5°C to +25°C
Colour:	Black/brown
Density:	~1,14 g/cm ³
Mixing ratio:	1 part by weight comp. A/ 1 part by weight comp. B (1:1)
Thickness:	minimum 2,0 mm
Processing time:	~45 min.
Curing time 1st layer:	~90 min.

PACKAGING & STORAGE

Item no. 30850 comp. A 10 kg bag / comp. B 10 kg bannister

Item no. 30840 comp. A 5 kg bag / comp. B 5 kg bannister

2K Sealing adhesive SX® 1 can be used for a period of 6 months when stored in a cool place in its original closed containers, protected from humidity.

INSTALLATION

Preparation of the subgrade:

The surface has to be solid, supportive, free of gypsum and widely level. Oil, grease or other separating layers have to be removed. Pockets of loose gravel and pinholes as well as uneven areas have to be levelled with mineralic Filler. Please pre-wet the surface thoroughly before applying 2k sealing adhesive SX®1. The surface should be slightly humid. Please avoid puddles. The remaining humidity must not exceed the following values:

Cement screed: 2.0 %
Anhydrite screed: 0.5 %
Anhydrite screed, heated: 0.3 %

Application:

Mix the powder for each coat 1 / 1 with the liquid component in a clean mixing pail until a lump -free compound is attained. Apply the product richly and evenly using a hard brush, a wide-paint brush, a spatle or a suitable spraying device. Apply the ready material mixture within max. 45 minutes. It is not possible to add water or the fluid component to the sealing adhesive when it has already started to set. The sealing adhesive must not be modified with other additives.

TECHNICAL DATASHEET - 2K-SEALING ADHESIVE SX1

Please protect the fresh sealing from rapid water evaporation, exposure to extreme heat, draft, frost and rain. It should be waited for min. 90 minutes between the coats.

The sealing can be covered with ceramic coverings after 4-5 hours and it is allowed to walk on 2k sealing adhesive SX[®]1 after 24 hours. When working outside of buildings, the coating must be protected against heavy sunshine at higher temperatures during hardening.

Drying period:

The drying period depends on the temperature, on the air movement and humidity and on the layer thickness of the coating. At a temperature of + 20°C and a relative air humidity of 50 % the drying period is about two hours. Tools as well as dirty areas have to be cleaned with water immediately after use.

Consumption rate:

The consumption rate is about 1,6 kg/m² per mm layer thickness.

ACCESSORIES

Item nr. 1324027	2K-Sealing Adhesive SX1, 20KG KIT
Item nr. 1324001	Polyfleece SX 1000, 1,0x20M
Item nr. 1324002	Polyfleece SX 1000, 2,0x20M
Item nr. 1313003	Svällpasta HyDra SX100, 290ML