PREMIUM LINE
an.kox
sealing engineering

2K Sealing adhesive SX® 1

TECHNICAL DATASHEET

Status 15.04.2025

Item no. S02500010
S02500020

PROPERTIES

Easily applicable, fast setting, flexible sealing adhesive with an excellent bonding to mineral surfaces. Non-shrinking and crack-free setting. **2K Sealing adhesive SX® 1** 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. Good chemical resistance against various substances, f.e. (acids, chlorine, salt). Relatively open to water vapor diffusion.

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 balconies. Applicable 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** when sealing membrane is postapplied.

TECHNICAL DATA

Processing temperature:	+5 °C to +25 °C
Colour:	Black/brown
Density:	~ 1,14 g/cm³
Mixing ratio:	**1** part by weight comp. A / **1** part by weight comp. B (1 : 1)
Thickness:	minimum 2 mm
Processing time:	~ 45 min.
Curing time 1st layer:	~ 90 min.
Water vapor diffusion resistance:	s_D = 4 m (Water vapor diffusion resistance equivalent)

PACKAGING & STORAGE

Item no. S02500010	comp. A 10 kg bag / comp. B 10 kg bannister
Item no. S02500020	comp. A 5 kg bag / comp. B 5 kg bannister

2K Sealing adhesive SX® 1 can be used for a period of 12 months (starting on the day of production) when stored in a cool place in its original closed containers, protected from humidity.

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Junghansring 52 · 72108 Rottenburg a. N.
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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. 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 no. S01202010	Polyfleece SX® 1000 Wall roll 20m B=1,0m
Item no. S02500010	2K Sealing adhesive SX® 1 10kg
Item no. S02500020	2K Sealing adhesive SX® 1 20kg

Note:
The information on this data sheet is based on our experience and given to the best of our knowledge, but is not legally binding. Recommendations, which are at variance with those stated in this data sheet, are only binding for us, when confirmed in writing. The manufacturer is not responsible for damages resulting from the misuse or incorrect storage of the product. For the accuracy of this information we are liable within the scope of our delivery and service conditions. Creation date: 04/2025

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