



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. 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.

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 : \sim 45 min. Curing time 1st layer : \sim 90 min.

Water vapor diffusion resistance : $S_D = 4 \text{ m}$ (Water vapor diffusion resistance

equivalent)

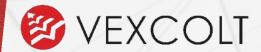
PACKAGING AND STORAGE

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

VX Guardian Poly C Flex can be used for a period of 6 months when stored in a cool

place in its original closed containers, protected from humidity.



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 VX Guardian Poly C Flex. 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 VX Guardian Poly C Flex 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.

Disclaimer. The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual size conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.

