

Elastic one-component sealant

- multi-purpose sealant/adhesive
- adhesive for VANDEX FLEXTAPE E
- bonding on damp substrates
- high resistance against UV radiation
- can be painted over

PRODUCT DESCRIPTION

VANDEX FLEXSEAL is a one-component sealing compound based on silan modified polymers (SMP).

AREAS OF APPLICATION

VANDEX FLEXSEAL is a suitable adhesive for VANDEX FLEXTAPE E. For applications however where the tape is permanently immersed in water, Vandex strongly recommends the use of an epoxy adhesive instead (e.g. VANDEX FLEXTAPE ADHESIVE). VANDEX FLEXSEAL is also a suitable sealing compound for concrete and mortar joints, for external as well as indoor use. VANDEX FLEXSEAL also shows good adhesion to galvanized sheet metal, steel, stainless steel, aluminium, glass, timber, polyester, PVC, plexiglass, brick and polystyrene.

PROPERTIES

VANDEX FLEXSEAL cures by reaction with humidity to an elastic sealant/adhesive. It bonds to damp substrates and has a high resistance against UV radiation. It can be painted. Due to its high chemical resistance it is suitable for applications in chemically aggressive areas. The product is free of solvents, isocyanates and silicones.

SURFACE PREPARATION

The substrate must be clean and free from grease, oil etc. It must not contain bitumen or tar. The substrate must not be wet.

MIXING

Ready to use

APPLICATION

VANDEX FLEXSEAL is applied by a standard air or hand operated gun. It is levelled to required thickness and width by a trowel. Open packagings should be used as soon as possible. On coated surfaces and other substrates not mentioned (e.g. PE, PP) trials for adhesion and compatibility are recommended. The film formation and curing times depend on humidity and temperature.

CONSUMPTION

Depending on type of application:

Quantity FLEXSEAL: per linear meter of:

200 ml VANDEX FLEXTAPE E 150/1

300 ml VANDEX FLEXTAPE E 200/1 or 200/2

These consumptions apply on smooth surfaces. In case of rough surfaces, consumption is to be increased accordingly. Apply 1 mm of VANDEX FLEXSEAL as adhesive for VANDEX FLEXTAPE E. The edges of the applied VANDEX FLEXTAPE E must be covered with VANDEX FLEXSEAL.

PACKAGING

600 ml sausage in boxes of 20 pieces.

STORAGE

When stored in a dry and cool place in unopened, undamaged original packaging, shelf life is 12 months.

HEALTH AND SAFETY

VANDEX FLEXSEAL is not a dangerous substance. Wear suitable gloves and eye/face protection. Provide good ventilation if handling bigger quantities or in enclosed areas. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

For further information please refer to Material Safety Data Sheet on www.vandex.com.

TECHNICAL DATA		
Consistency		paste
Colour		grey
Odour		odourless
Density	[g/cm ³]	1.5
Shore-A-hardness		approx. 25 (at 23 °C/50% rh)
Max. expansion	[%]	25
Film formation	[h]	after 2–3
Curing rate	[mm/24 h]	approx. 2 (at 23 °C/50% rh)
Application temperature	[°C]	+5 up to +40 (substrate)
In service temperature range	[°C]	–40 to +90
All data is averaged from several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.		

The information contained herein is based on our long-term experience and the best of our knowledge. We can, however, make no guarantee since for a successful outcome, all circumstances in an individual case must be taken into consideration. Indications of quantities required are only averages which in certain cases might be greater.



An **RPM** Company

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