

### **Elastic adhesive and sealant**

- 1 component
- adhesive for VANDEX FLEXTAPE
- application on fresh concrete after 14 days
- bonding to damp substrate
- resistant to frost during and after curing
- hand or spray application
- cures with humidity
- solvent free

#### **PRODUCT DESCRIPTION**

VANDEX UNIFLEX NV is a one-component adhesive and sealing compound based on silan modified polymers (SMP).

#### **AREAS OF APPLICATION**

VANDEX UNIFLEX NV is a universal adhesive and is used for bonding VANDEX FLEXTAPE over construction and movement joints as well as cracks in concrete structures. VANDEX UNIFLEX NV shows good adhesion to steel, aluminium, concrete, wood, polyester, PVC, brick. In case of permanent water pressure, VANDEX UNIFLEX NV is not recommended.

#### **PROPERTIES**

VANDEX UNIFLEX NV cures by reaction with humidity to an elastic sealant/adhesive. It bonds to damp substrates and is UV resistant. Workability at uneven substrates and overhead is guaranteed due to the paste-like consistency. The product is free of solvents, isocyanates and silicones. VANDEX UNIFLEX NV is resistant to frost. Temperatures below 0 °C prolongate the curing process in relation to the humidity.

#### **SURFACE PREPARATION**

The substrate must be clean and free from ice, grease, oil etc. The substrate may be slightly damp, but must not be saturated with water at the time of application. Useful substrate preparation is by water jetting 150 bar or grinding.

#### **MIXING**

Ready to use

#### **APPLICATION**

VANDEX UNIFLEX NV is applied by a standard air or hand operated gun. It is levelled to required thickness and width by trowel.

Open packagings should be used as soon as possible.

On coated surfaces and other substrates not mentioned trials for adhesion and compatibility are recommended. The film formation and curing times depend on humidity and temperature. Curing time can be shortened by increasing humidity and temperature.

#### **CONSUMPTION**

Apply approx. 1.5 mm of VANDEX UNIFLEX NV as adhesive for VANDEX FLEXTAPE. The edges of the applied VANDEX FLEXTAPE must be covered with VANDEX UNIFLEX NV.

Approx. 300 ml VANDEX UNIFLEX NV per linear meter of VANDEX FLEXTAPE 150/1

Approx. 450 ml VANDEX UNIFLEX NV per linear meter of VANDEX FLEXTAPE 200/1 or 200/2

#### **PACKAGING**

VANDEX UNIFLEX NV is supplied as ready-to-use 600 ml sausage (12 in a box)

#### **STORAGE**

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

#### **HEALTH AND SAFETY**

VANDEX UNIFLEX NV is not a dangerous substance. Wear suitable gloves and eye protection. Provide good ventilation if handling bigger quantities or in enclosed areas. In case of contact with 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](http://www.vandex.com).

| TECHNICAL DATA   |                     |  |
|--|---------------------|--|
| Consistency  |                     | paste  |
| Colour   |                     | grey   |
| Odour  |                     | odourless  |
| Density at 23 °C   | [g/m <sup>3</sup> ] | approx. 1.4  |
| Shore-A-hardness at 23 °C/50 rF  |                     | 40 ± 2   |
| Film formation at 23 °C/50 rF  | [min]               | < 30   |
| Curing rate at 23 °C / 50% rh / 24 h   | [mm]                | 2.5  |
| Application temperature (substrate)  | [°C]                | >1 to +40  |
| Temperature resistance (during curing)   | [°C]                | -5 to +40  |
| Temperature resistance (hardened)  | [°C]                | -40 to +90   |
| Chemical resistance  |                     | good resistance against oils and greases;<br>limited resistance against fuel, esters, ketones and<br>halogenated solvents; weather-proof |
| All data are averages of 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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