



Vitra Fix PU SEALANT

PU

Polyurethane based expansion and sealing sealant

DESCRIPTION

One component, polyurethane based insulation sealant. It forms an elastic film by curing with moisture in the air. Can be applied in a wide temperature range. Suitable for horizontal and vertical joints.

AREAS OF USE

- Horizontal-vertical expansion joints in buildings
- Glass, aluminum, steel, steel, plastic, ceramic, concrete, etc. It is ideal for filling and sealing the joint corner joints of many building elements.

FEATURES

Chemical Structure : Polyurethane thixotropic paste
Density : $1.25 \pm 0.05 \text{ gr/cm}^3$ (ASTM D792)
Color : White, Grey

TECHNICAL PERFORMANCE

- Hardness Shore A : 25-30 (ASTM D2240)
- Elongation at Break : $\geq 600 \%$ (ASTM D412)

REFERENCE STANDARD

- CE

CONSUMPTION

- 3 linear meter / 600 ml sausage (for 20 mm joint width, 10 mm joint depth)

PACKAGING

- 600 ml sausage

STORAGE AND SHELF LIFE

- It should be stored in moisture-free, dry and protected against external weather conditions.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be kept tightly closed.

SURFACE PREPARATION

- The application surface must be clean and dry, free from residues, oil and dirt that may prevent adhesion.
- Make sure that the width/depth ratio is 2/1 during application.

APPLICATION

- Apply the product continuously (without forming bubbles) with support and fill the gap completely.
- You can press and smooth with a spatula or similar tool.

APPLICATION FEATURES

Application Temperature	: $+5^\circ\text{C}$ / $+40^\circ\text{C}$
Surface Drying Time	: 30-60 minutes (23 $^\circ\text{C}$ and 55% RH)
Hardening Time	: 24 hours (for min. 2 mm thickness)
Max. joint spacing	: 4 cm

- Resistant to aging
- Can be painted over
- Resistant to different weather conditions (-30°C / $+70^\circ\text{C}$)
- Resistant to various chemicals
- Excellent adhesion to all types of surfaces
- High elasticity and waterproof



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SAFETY INSTRUCTIONS

- Do not inhale, avoid contact with skin and eyes.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads etc.) during product application.
- Please read the Material Safety Data Sheet (MSDS) for more detailed safety information.

PRECAUTIONS

- When necessary, joint filler roving should be used to provide the desired depth in the joints.
- If the sealant adheres to three surfaces during application, there is a risk of adhesion failure in the joint material, it should be ensured that it adheres only to two opposite surfaces. In such cases, anti-adhesion (bond breaker) materials should be used between the joint sealant and the surface or filler wick. must be put in place.