

FIXXTEC multipurpose waterproof adhesive sealant

PRODUCT DESCRIPTION



FIXXTEC is an adhesive suitable for sealing and waterproofing a wide range of materials.

This innovative product makes it possible to seal joints between two different sheets of FOILTEC membranes, STBO waterproofing building boards and their joints.

It can be used to secure the FOILTEC waterproofing membrane system by sealing it to other elements such as thresholds, balcony and terrace doors, window and door frames, protective sheeting or Profilitec bordertec sealing profiles, exterior and interior (bathroom, kitchen) drainage systems.

MATERIAL

FIXXTEC is a single component waterproof elastic sealing adhesive based on MS polymers supplied in boxes of 12pcs in 290ml cartridges.

It is a multi-purpose product that can also be used to bond PROFILITEC products such as skirting boards, joints, shells, transition profiles, etc.

It has CE marking.

It meets the standards:

EN15651-1 - "Sealants for facade elements" with performance F EXT-INT CC;

EN15651-3 - "Sealants for sanitary environments" with performance XS3 CC;

EN15651-4 - "Sealants for pedestrian walkways" with performance PW EXT-INT CC).

MATERIAL CHARACTERISTICS AND FIELDS OF APPLICATION

FIXXTEC is UV-resistant, weatherproof and can therefore be used not only indoors but also outdoors. This adhesive is odorless, elastic, solvent-free and has excellent adhesion on most materials such as aluminum, steel, wood, stone, fiber cement, concrete, glass and many plastics.

Profilitec FIXXTEC can be applied both wet and submerged, and can generally be used both as an adhesive and as a sealant-waterproofing agent. It is also suitable for expansion and connection joints.

Profilitec FIXXTEC is paintable with most water- and solvent-based varnishes.

Where special chemical, mechanical or other stresses are expected, the suitability of the material should be checked.

APPLICATION METHODS

- The substrate must be sufficiently clean, solid, load bearing, and clear of elements or substances that will compromise its adhesion.
- Apply Profilitec FIXXTEC to the substrate.
- Spread the adhesive over the entire surface by pressing with a trowel.
- Lay the material to be bonded as quickly as possible over the entire surface and without leaving any gaps.
- In case FIXXTEC is used as a joint sealant, it should be smoothed immediately after application and any excess material immediately removed.

Average cartridge coverage 290g = 10meters.

CLEANING

You can remove the adhesive with a solvent while it is still fresh or mechanically when it has already hardened.

WARNINGS

- Shelf life: 12 months.
- Store packages of Profilitec FIXXTEC sealant in cool places not subject to frost, away from heat sources and direct UV exposure. Opened packages have a limited shelf life.
- The optimum operating temperature for substrate and sealant is between +59°F and +77°F (15°C and 25°C).
- Be careful with the use of alcohol or alkyd resin as they can interfere with the curing process of the sealant and reduce the drying time of the varnish itself.
- The hardness and film thickness of the varnish can affect the elasticity of the sealant and lead to the breakdown of the varnish film.

IDENTIFICATION DATA

Polymerisation	Hygro-hardener
Consistency of mix	Thixotropic paste
Density	3.64lb/US gal lqd (1.65 kg/l)
Open time	Approx. 20 minutes
Acceptable application temperatures	From +41°F to +104°F (+5°C to +35°C)
Recommended application temperatures	From +59°F to +77°F (+15°C to +25°C)
Serviceability Temperatures	From -22°F to +194°F (-30°C to +90°C)
Set to light foot traffic	24 hours at T=+23°C (73.4°F)
Ready for use	5 days at T=73.4°F (+23°C)

PERFORMANCE

Set to thickness	3 mm (0.12in) (24 hours)
Shore hardness A	50 (DIN 53505)
Elastic modulus at 100%	≥ 261 psi (1.8 N/mm ²) (ISO 37 DIN 53504)
Tensile strength	≥ 377 psi (2.6 N/mm ²) (ISO 37 DIN 53504)
Elongation at break	2.7 (ISO 37 DIN 53504)
Resistance to humidity	Excellent
Resistance to alkalis	Excellent
Resistance to solvents	Good
Resistance to acids	Low

Article	Description	pc/pck
FIXXTEC	MULTIPURPOSE WATERPROOFING ADHESIVE SEALANT 290ML	12

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positive profile