



Product information

Applications

Triflex SmartTec is used for the waterproofing of details and surfaces.

Properties

Triflex SmartTec is a solvent-free, 1-component liquid applied waterproofing with a polyurethane base that is reinforced with Triflex Special Fleece. The air humidity-cured product offers the following features:

- Solvent-free
- Isocyanate-free
- Low-odour
- Highly elastic
- UV-resistant
- Waterproof
- Fleece-reinforced
- Hydrolysis and alkali resistant
- Machine application
- General Building Supervisory Authority Test Certificate (abP) for liquid applied waterproofing of building structures set out in PG-FLK according to the Building Regulations List A, Part 2, No. 2.51 and VV TB No. C 3.28.
- General Building Supervisory Authority Test Certificate (abP) for liquid applied in conjunction with tiles and panels (AIV-F) according to List A, Part 2, No. 2.50 and VV TB No. C 3.27.
- Fire classification in compliance with DIN EN 13501-1: Class E
- Resistant to external fire exposure to DIN EN 13501-5:
B_{ROOF}(t1), B_{ROOF}(t2), B_{ROOF}(t3), B_{ROOF}(t4)
- European Technical Assessment according to ETAG 005 with CE mark

Pack size

Drum

- 7.00 kg Triflex SmartTec
- 14.00 kg Triflex SmartTec

Colours

- 7030 Stone grey
- 7043 Traffic grey B

Storage

Can be stored unopened for approx. 6 months in a cool, dry place above freezing. Keep the container out of direct sunlight, even on the construction site. Protect unused material against moisture and dampness and firmly replace the cover, otherwise the top layer may harden. If this is the case, simply remove the hardened top layer - the liquid material beneath is still suitable for use.

Conditions for use

Triflex SmartTec can be applied at substrate and ambient temperatures between +5°C and +40°C. The relative humidity must not fall below 30 %.



Preparation of the substrate

Substrate suitability should always be checked on a case-by-case basis. The substrate must be clean, dry and free of cement bloom, dust, oil, grease and other adhesion-reducing dirt.

Moisture: When carrying out surfacing work on mineral substrates, the substrate may be damp, however there must not be any standing water! Ensure that structural measures are taken to prevent moisture penetration of the coating from underneath.

Dew point: During application, the surface temperature must be at least 3°C above the dew point temperature. Below this temperature, a separating film of moisture can form on the surface (DIN 4108-5, table 1). See dew point temperature table.

Mixing instructions

The contents of the container must be stirred until they are of a smooth homogeneous consistency. Stirring time: at least 2 min.

Methods of application

Hand-operated rolling or machine-applied. Special attention must be paid to the thickness of the coating in the case of machine application.

Material consumption

Approx. 3.00 kg/m² on a smooth, even surface

Pot life

Approx. 60 min. at +20°C

Drying time

Rainproof after: approx. 60 min. at +23°C / 50 % rel. humidity
Can be recoated after: approx. 8 hrs. at +23°C / 50 % rel. humidity
Fully hardened after: approx. 2 days at +23°C / 50 % rel. humidity



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Notes on special hazards

See Safety Data Sheet, section 2

Safety tips

See Safety Data Sheet, sections 7 and 8

Measures in case of fire or accidents

See Safety Data Sheet, sections 4, 5 and 6

General notes

We guarantee the consistently high quality of our products. Non-system substances must not be added to Triflex systems.

The advice we give in relation to the application of our products is based on extensive development and many years of experience, and is correct to the best of our knowledge. Given the multitude of on-site requirements, under the most varied of conditions, the user is required to test the product's suitability for its respective purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.