

Adhesive

Triflex HeatTec Adhesive EP



Product information

Applications

Triflex HeatTec Adhesive EP is a fast-curing, ready-to-use, highly viscous filling compound for bonding in Triflex HeatTec heating laminates.

Properties

Triflex HeatTec Adhesive EP is a 2-component paste with an epoxy resin base. It is characterised by the following quality features:

- Fast-curing
- Solvent-free
- Highly viscous
- Unpigmented
- Low odour

Pack sizes

Drum

13.30 kg Triflex HeatTec Adhesive EP base resin

5.00 kg Triflex HeatTec Adhesive EP Hardener

18.30 kg

Colours

Beige

Storage

Shelf-stable for 24 months if stored in a dry place, unopened and unmixed within a temperature range of +5 °C to +25 °C. Keep the container out of direct sunlight and avoid temperatures below the permissible range when in storage and on the construction site.

Conditions for use

Triflex HeatTec Adhesive EP can be applied at substrate and ambient temperatures between +5 °C and +25 °C. In the process, the temperature must be at least 3 °C above the dew point.

Preparation of the substrate

The substrate must be prepared by grinding, milling or shot-blasting until it is sound, dry and free of loose or adhesion-reducing particles. Ensure that moisture cannot penetrate from underneath. Cracks, joint faces and cavities must be prepared properly and primed beforehand.



Mixing instructions

The base resin is stirred thoroughly. The hardener is then completely emptied into the base resin with the mixing machine running slowly, and both components are mixed thoroughly. The paste is transferred to another container and quartz sand (grain size 0.3–0.8 mm) is stirred in with a ratio of 3:2 (paste:quartz sand). Stirring time at least 2 min. The finished mix must be used immediately.

Mixing ratio

The mixing ratio corresponds to the pack size of the paste. In addition, prepare quartz sand (grain size 0.3–0.8 mm) (100:38 parts by weight/base resin:hardener): 92 parts by weight quartz sand

Application instructions

After embedding the laminates, any excess Triflex HeatTec Adhesive EP must be removed completely in order to ensure optimum adhesion to the following Triflex coating and waterproofing system. Alternatively, Triflex HeatTec Adhesive EP can be dressed with surplus of quartz sand. Any surplus quartz sand is removed once the adhesive has cured.

Material consumption

Approx. 6.0 kg/m² with a roughness depth of $R_T = 0.5$ mm
The volume depends on the nature of the substrate.

Pot life

Approx. 7 min. at +20 °C

Drying time

Can be walked on after: approx. 5 hrs. at +20 °C
Subsequent coating after: approx. 12 to 18 hrs. at +20 °C
Final strength after: approx. 3 days at +20 °C

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Information on particular hazards

See safety data sheet, section 2

Safety advice

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 information

We guarantee the consistently high quality of our products. Non-Triflex products must not be used with 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 wide variety of on-site requirements and conditions, the user is required to test the product's suitability for the particular purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.