Primer

Triflex Pox Primer 116+

Product information

Applications

Triflex Pox Primer 116+ is used as a primer, a filling primer and a roughness depth levelling material, primarily in the Triflex CPS-C+ and Triflex CPS-I+ systems.

Properties

2-component primer with an epoxy resin (EP) base.
Triflex Pox Primer 116+ has the following properties:

- Solvent-free
- Unpigmented
- Unfilled
- Low viscosity

Pack size

Drum

17.10 kg	Triflex Pox Primer 116+ base resin
7.90 kg	Triflex Pox Primer 116+ hardener
25.00 kg	

Colours

Transparent

Storage

Shelf-stable for 12 months if stored dry and unopened within a temperature range of +10 °C to +25 °C. Keep away from direct sunlight and temperatures below the permissible range in storage and on the construction site.

Conditions for use

Triflex Pox Primer 116+ can be applied at substrate and ambient temperatures between +10 °C and +30 °C. The relative humidity must not exceed 75 %.

On porous, absorbent substrates, the application should ideally be carried out when the substrate temperature is dropping, so as to avoid penetration of air pores into the surface structure. For difficult substrates, we recommend using Triflex Cryl Pinhole Paste.

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 structural measures are taken to prevent moisture penetration from underneath. The residual moisture in the substrate must not exceed 4 % by weight. Additional priming is required on highly absorbent substrates and with substrate moistures between 4–6 % by weight.
Substrate adhesion must be tested on a case-by-case basis.
Minimum tensile adhesion strength:
For OS 8: in the centre, 2.0 N/mm². Individual value: no less than 1.5 N/mm².
For OS 11: in the centre, 1.5 N/mm². Individual value: no less than 1.0 N/mm².

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

Mixing instructions

Thoroughly mix the base resin before adding the corresponding quantity of hardener. Mix using a slow-running mixing machine for at least 3 min. Transfer to another receptacle and mix again for at least 2 min. Avoid stirring in air.

Any requisite additives or quartz sand should be weighed in advance and added during the first mix whilst the mixing machine is running. Ensure that all fillers and quartz are evenly distributed in the resin.

Mixing ratio

The mixing ratio corresponds to the pack size.
100 : 46 parts by weight / base resin : hardener

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Material consumption

The volume depends on the system being used.
The system description is the determining factor here.

Pot life

Approx. 15 min. at +20 °C

Drying time

Can be walked on after:	approx. 24 hrs. at +20 °C
Can be recoated after:	approx. 12 hrs. at +20 °C
Can be recoated within:	approx. 24 hrs. at +20 °C *
Mechanically resistant after:	approx. 7 days at +20 °C
Chemically resistant after:	approx. 28 days at +20 °C

* The primed surface should be recoated within 12 to 24 hours.
Further preparation by means of abrasion is not necessary during this period.
After 24 hours, the surface must be carefully abraded prior to overcoating.

Notes on special hazards

See Safety Data Sheet, section 2

Safety tips

See Safety Sata 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 the respective purpose. Technical information is subject to changes without notice in the interests of technical advancement or enhancement of our products.