Primer

Triflex Pox R 103

Product information

Applications

Triflex Pox R 103 is used as a primer on absorbent substrates such as concrete, screed or wood for Triflex systems with a PMMA resin base. Dressing with quartz sand is not necessary for intermediate layer adhesion. It is also possible – by adding fillers – to apply a levelling coat or mortar.

Properties

2-component primer with an epoxy resin (EP) base.
Triflex Pox R 103 offers the following features:

- Solvent-free
- Unfilled
- Odourless
- Unpigmented
- Low viscosity

Pack size

Combination drums

5.03 kg	Triflex Pox R 103 base resin
2.77 kg	Triflex Pox R 103 Hardener
7.80 kg	

Colours

Transparent

Storage

Can be stored unopened and unmixed for approx. 12 months in a cool, dry place above freezing. Keep container away from direct sunlight when in storage and on the construction site.

Conditions for use

Triflex Pox R 103 can be applied at substrate and ambient temperatures between +8 °C and +35 °C.

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 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. Substrate adhesion must be tested on a case-by-case basis. Minimum tensile adhesion strength: 1.5 N/mm².

The coating of asphalt is not possible.

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

Firstly, completely empty the hardener into the container of the base resin. With a slow-running mixing machine, mix both components thoroughly. Stirring time at least 2 min. Transfer to another receptacle and mix again. Any requisite additives are weighed and added in with the mixing machine running.

Mixing ratio

The mixing ratio corresponds to the pack size.
100 : 55 parts by weight/base resin: Hardener

Material consumption

Min. 0.30 to 0.50 kg/m² on a smooth, even surface

Pot life

Approx. 15 min at +20 °C

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Drying time

Rainproof after:	approx. 8 hrs. at +20 °C
Can be walked on/recoated after:	approx. 12 hrs. at +20 °C
Resistant after:	approx. 24 hrs. at +20 °C

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-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 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.