Primer

Triflex Pox R 100

Product information

Applications

Triflex Pox R 100 is used as a primer and to make:

- Scratch coats
- Thin mortar layers
- Thick mortar layers
- Repair mortar

See also the product information for Triflex Pox Mortar.

Properties

2-component primer with an epoxy resin (EP) base.
Triflex Pox R 100 offers the following features:

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

Pack size

Combination drums

0.69 kg	Triflex Pox R 100 base resin
0.31 kg	Triflex Pox R 100 hardener
1.00 kg	

5.53 kg	Triflex Pox R 100 base resin
2.47 kg	Triflex Pox R 100 hardener
8.00 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 100 can be applied at substrate and ambient temperatures between +8 °C and +35 °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 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 6 % by weight. 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. 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.

For making mortars, see the product information for Triflex Pox Mortar.

Mixing ratio

The mixing ratio corresponds to the pack size.
100 : 45 parts by weight/base resin : Hardener

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Processing instructions

Apply Triflex Pox R 100 evenly using a Triflex universal roller and dress immediately with quartz sand in excess.
(Volume of quartz sand, grain size 0.2–0.6 mm, at least 2.00 kg/m²)

Material consumption

Single layer of primer: minimum 0.30 kg/m² on a smooth, even surface
Double layer of primer: minimum 0.60 kg/m² on a smooth, even surface

For mortar mixes, see the product information for Triflex Pox Mortar.

Pot life

Approx. 30 min. at +20 °C

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.