

Finish

Triflex Pox Finish 173+



Product information

Applications

Triflex Pox Finish 173+ is used as a final finish in the Triflex CPS-C+ and Triflex CPS-I+ systems.

Properties

2-component pigmented finish with an epoxy resin (EP) base. Triflex Pox Finish 173+ has the following properties:

- Tough and resilient
- High mechanical strength
- Easy to use
- Abrasion-resistant
- Low viscosity
- Solvent-free
- Low odour

Pack size

Drum

24.50 kg	Triflex Pox Finish 173+ base resin
5.50 kg	Triflex Pox Finish 173+ hardener
30.00 kg	

Colours

7032 Pebble grey

Other colours on request.

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 Finish 173+ can be applied at substrate and ambient temperatures between +10 °C and +30 °C. The relative humidity must not exceed 80 %. These conditions must be maintained for at least 24 hours after application.



Preparation of the substrate

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

Add the corresponding quantity of hardener to the base resin and mix with 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. Single-batch processing is recommended.

The temperature of both components should be between +15 °C and +25 °C when mixing.

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

Mixing ratio

The mixing ratio corresponds to the pack size.
100 : 22 parts by weight / base resin : hardener

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Material consumption

At least 0.60 kg/m² on a sanded surface

Pot life

Approx. 20 min. at +20 °C

Drying time

Can be walked on after:	approx. 18 to 24 hrs. at +20 °C
Can be recoated after:	approx. 13 hrs. at +20 °C
Can be recoated up to:	approx. 36 hrs. at +20 °C *
Mechanically resistant after:	approx. 5 days at +20 °C
Chemically resistant after:	approx. 28 days at +20 °C

After laying the material, it must be protected against direct water contact and moisture penetration for at least 24 hours (at 20 °C) in order to ensure optimum curing and to prevent whitening.

* The finished surface should be recoated within 18 to 36 hours. Further preparation by means of abrasion is not necessary during this period. After 36 hours, the surface must be abraded prior to overcoating.

Resistance to chemicals

The finish has good resistance to fuels and lubricants commonly used in the car park sector.

Additional resistances of media are available with percentage values on request. Epoxy resins are generally not colour stable when exposed to UV and weather influences, i.e. shading and light texturing may occur on the surface. This is unavoidable when using this system, and does not compromise the properties.

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