

Coating

Triflex Than R 550



Product information

Applications

Triflex Than R 550 is used on industrial floors in the Triflex IFS-550 system.
Suitable substrates:

- Concrete and concrete repair products
- Anhydrite screed
- Asphalt
- Magnesite screed
- Steel

Properties

2-component coating with a high-quality polyurethane resin (PU) base.
Triflex Than R 550 offers the following features:

- Odourless
- Gloss finish
- Resistant to chemicals
- Hard-wearing
- Easy to use

Pack size

Combination drums

6.28 kg	Triflex Than R 550 base resin
1.72 kg	Triflex Than R 550 hardener
8.00 kg	

Drum

19.62 kg	Triflex Than R 550 base resin
5.38 kg	Triflex Than R 550 hardener
25.00 kg	

Colours

- 1001 Beige
- 7030 Stone grey
- 7032 Pebble grey
- 7043 Traffic grey B

Storage

Can be stored unopened and unmixed for approx. 6 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 Than R 550 can be applied at substrate and ambient temperatures between +8°C and +35°C. The relative humidity must not exceed 70 %.

Preparation of the substrate

The substrate must be 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.

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. Stirring time at least 2 min.

Transfer to another receptacle and mix again.

Any requisite additives or quartz sand are weighed and added in with the mixing machine running.

Mixing ratio

The mixing ratio corresponds to the pack size.
100 : 27.5 parts by weight/base resin: Hardener

Material consumption

Min. 0.90 to 2.10 kg/m² on a smooth, even surface depending on system and function

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Pot life

Approx. 30 min. at +20 °C

Drying time

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

Is mechanically resistant after: approx. 2 days at +20 °C

Resistant to chemicals after: approx. 7 days at +20 °C

Resistance to chemicals

Acetic acid 5 %	±	Glycerine	++
Ammonia 5 %	±	Hydrochloric acid 10 %	±
Benzine	±	Hydrogen peroxide	+
Boric acid 5 %	±	Lactic acid 5 %	±
Butyl acetate	±	Nitric acid 10 %	±
Butyldiglycol	+	Phosphoric acid 10 %	±
Caustic potash solution 10 %	±	Sea water	++
Carbon tetrachloride	--	Sodium carbonate	++
Chromic acid 5 %	±	Sulphuric acid 10 %	±
Diesel oil	+	Trichloroethylene	--
Ethanol 10 %	++	Water	++
Formic acid 5 %	±	Xylene	±

++	= resistant
+	= conditionally resistant (approx. 1 month)
±	= conditionally resistant (approx. 24 hrs.)
--	= non-resistant

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.