



Product information

Applications

Triflex DeckFloor is used as a high-quality, durable coating for heavy-duty surfaces in the parking deck systems Triflex ProPark and Triflex DeckFloor. Triflex DeckFloor can also be used to produce scratch and levelling coats in multi-storey car parks.

Properties

3-component pigmented coating (self-levelling mortar) with a polymethyl methacrylate resin (PMMA) base. Triflex DeckFloor is characterised by the following quality features:

- Self-levelling
- Fast-curing
- Weather-resistant
- Waterproof
- Wear-resistant
- Solvent-free
- UV-resistant
- Suitable for vehicle traffic
- Withstands high mechanical loads

Pack size

Drum/paper sack

Summer	Winter	
10.00 kg	10.00 kg	Triflex DeckFloor R base resin
23.00 kg	23.00 kg	Triflex DeckFloor S powder
0.20 kg	0.60 kg	Triflex Catalyst (2 x / 6 x 0.10 kg)
33.20 kg	33.60 kg	

Container

Summer	Winter	
500.00 kg	500.00 kg	Triflex DeckFloor R base resin
1,150.00 kg	1,150.00 kg	Triflex DeckFloor S powder (50 x 23.00 kg)
10.00 kg	30.00 kg	Triflex Catalyst (1 x / 3 x 10.00 kg)
1,660.00 kg	1,680.00 kg	

Summer	Winter	
910.00 kg	910.00 kg	Triflex DeckFloor R base resin
2,093.00 kg	2,093.00 kg	Triflex DeckFloor S powder (91 x 23.00 kg)
20.00 kg	60.00 kg	Triflex Catalyst (2 x / 6 x 10.00 kg)
3,023.00 kg	3,063.00 kg	



Colours

Dark grey

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 DeckFloor can be applied at substrate and ambient temperatures between 0 °C and +35 °C. In enclosed spaces, always ensure forced ventilation with a minimum 7-fold air exchange per hour.

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.

Coating Triflex DeckFloor



Product information

Mixing instructions

23 kg of Triflex DeckFloor S powder is mixed into 10 kg Triflex Deckfloor R base resin with the slow-running mixing machine until there are no more lumps. Triflex Catalyst is then also added into the slow-running mixing machine until there are no more lumps. Stirring time: at least 2 min.

Mixing ratio

The mixing ratio (parts by weight) for base resin : powder should be 10 : 23. The quantity of catalyst added depends on the temperature range.

0°C to +5°C	10.00 kg base resin + 23.00 kg powder + 0.60 kg catalyst
+5°C to +15°C	10.00 kg base resin + 23.00 kg powder + 0.40 kg catalyst
+15°C to +35°C	10.00 kg base resin + 23.00 kg powder + 0.20 kg catalyst

Material consumption

Min. 4.00 kg/m² on a smooth, even surface

Pot life

Approx. 15 min at +20°C

Drying time

Rainproof after: approx. 30 min. at +20°C
Can be walked on/recoated after: approx. 1 hr. at +20°C
Resistant after: approx. 2 hrs. at +20°C

Important note

Production of scratch and levelling coats

Roughness depth	Triflex DeckFloor R	Triflex DeckFloor S	Triflex Catalyst	Quartz sand * 0.2-0.6 mm	Quartz sand * 0.7-1.2 mm
0.5 to 1.0 mm	10.00 kg	23.00 kg	0.20-0.60 kg	max. 10.00 kg	
1.0 to 10 mm	10.00 kg	23.00 kg	0.20-0.60 kg		max. 20.00 kg

*) The user must check the exact amount on a case-by-case basis.
The quartz sand grading curve must be adjusted on-site, if necessary

Volume: Min. 2.00 kg/m² per mm coat thickness

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.