



Product information

Applications

Triflex ProFloor S1 is used as a high-quality and durable flame-retardant coating in the Triflex BTS-P (S1), Triflex BFS (S1) and Triflex TSS (S1) system versions.

Properties

3-component pigmented coating (self-levelling mortar) with a polymethyl methacrylate resin (PMMA) base. Triflex ProFloor S1 offers the following features:

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

Pack size

Drum/paper sack

Summer	Winter	
10.00 kg	10.00 kg	Triflex ProFloor R base resin *
23.00 kg	23.00 kg	Triflex ProFloor S1 powder
0.20 kg	0.60 kg	Triflex Catalyst (2 x / 6 x 0.10 kg)
33.20 kg	33.60 kg	= Triflex ProFloor S1

* Triflex ProFloor R base resin is produced according to the season in summer or winter formulations. See product label.

Colours

7032 Pebble 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 ProFloor S1 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.

Mixing instructions

23 kg of Triflex ProFloor S1 powder is mixed into 10 kg Triflex ProFloor 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

Temperature range of:	
0 °C to +5 °C	10.00 kg base resin + 0.60 kg catalyst
+5 °C to +15 °C	10.00 kg base resin + 0.40 kg catalyst
+15 °C to +35 °C	10.00 kg base resin + 0.20 kg catalyst

Coating

Triflex ProFloor S1



Product information

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

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.