



Product information

Applications

Triflex ProTerra is used in the Triflex BTS-P and Triflex BWS systems. It is a high-quality and durable surface waterproofing product for use on balconies, terraces and covered walks in both new buildings and refurbishments.

Properties

Triflex ProTerra is a 2-component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base. Triflex ProTerra is reinforced with Triflex Special Fleece and offers the following features:

- Seamless
- Flexible in low temperatures
- Vapour-permeable
- Fast-curing
- Solvent-free
- Extremely weather-resistant (UV, IR, etc.)
- Excellent adhesion properties on a multitude of substrates
- Elastic and crack-bridging
- Mechanically strong and wear-resistant
- Resistant to media generally present in air and rainwater
- Hydrolysis and alkali resistant
- Resistant to sparks and radiant heat in compliance with DIN EN 13501-5: B_{ROOF} (t1), B_{ROOF} (t2), B_{ROOF} (t3), B_{ROOF} (t4)
- Fire classification in compliance with DIN EN 13501-1: Class E
- European Technical Assessment according to ETAG 005 with CE mark

Pack size

Drum

Summer	Winter	
10.00 kg	10.00 kg	Triflex ProTerra base resin *
0.20 kg	0.40 kg	Triflex Catalyst (2 x / 4 x 0.10 kg)
10.20 kg	10.40 kg	

IBC container on request.

* Triflex ProTerra 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 ProTerra can be applied in surface and ambient temperatures of a minimum of 0 °C and a maximum of +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 of the coating from underneath. Substrate adhesion must be tested on a case-by-case basis. Please also see the substrate pretreatment table in the system description.

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

After thoroughly mixing the base resin, the corresponding catalyst quantity is added and mixed with the slow-running mixing machine until there are no more lumps. Stirring time: at least 2 min.

Mixing ratio

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

Methods of application

Can be applied manually by roller or mechanically with the Triflex spray application machine.

Material consumption

Minimum 3,00 kg/m² on a smooth, even surface



Product information

Pot life

Approx. 15 min. at +20°C

Drying time

Rainproof after: approx. 45 min. at +20°C
Can be walked on/recoated after: approx. 1 hr. at +20°C
Resistant after: approx. 3 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-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.