



Product information

Applications

Triflex ProDetail is used for details on flat roofs, balconies, terraces and covered walks as well as parking decks.

Properties

2-component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base. Triflex ProDetail 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
- Root-resistant according to FLL test methods
- Resistant to media generally present in air and rainwater
- Hydrolysis and alkali resistant
- General Building Supervisory Authority Test Certificate (abP) for liquid applied waterproofing of building structures set out in PG-FLK according to the Building Regulations List A, Part 2, No. 2.51 and VV TB No. C 3.28
- 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
- Is a hard roofing product in accordance with the German regional building regulations

Pack size

Drum

Summer	Winter	
15.00 kg	15.00 kg	Triflex ProDetail base resin *
0.30 kg	0.60 kg	Triflex Catalyst (3 x / 6 x 0.10 kg)
15.30 kg	15.60 kg	

IBC container on request.

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

Colours

7030 Stone Grey
7032 Pebble grey
7035 Light 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 ProDetail can be applied at substrate temperatures of between -5 °C and +50 °C and ambient temperatures of between -5 °C and +40 °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. Small amounts can be mixed with a stick.

Mixing ratio

Temperature range of:	
-5 °C to +5 °C	15.00 kg base resin + 0.60 kg catalyst
+5 °C to +15 °C	15.00 kg base resin + 0.60 kg catalyst
+15 °C to +40 °C	15.00 kg base resin + 0.30 kg catalyst



Product information

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

Pot life

Approx. 25 min. at +20 °C

Drying time

Rainproof after: approx. 30 min. at +20 °C
 Can be walked on/recoated after: approx. 45 min. at +20 °C

Resistance to chemicals

Acetic acid up to 10 %	++	Liquid ammonia	++
Ammonia up to 10 %	++	Lubricant	++
Ammonium chloride	++	Mineral oil	++
Ammonium sulphate	++	Nitric acid up to 10 %	++
Animal fats	++	Olive oil	++
Apple juice	++	Orange juice	++
Calcium chloride	++	Oxalic acid	++
Castor oil	++	Paraffin oil	++
Caustic potash solution up to 50 %	++	Petroleum	++
Cellulose thinner	++	Phosphoric acid up to 30 %	++
Chlorinated lime	++	Potassium chloride	++
Citric acid up to 30 %	++	Regular petrol	±
Crude oil	++	Sea water	++
Detergent	++	Sodium carbonate	++
Dettol up to 5 %	±	Sodium chloride	++
Diesel oil	++	Sodium hydroxide solution up to 50 %	++
Formic acid 10 %	±	Sodium sulphate	++
Hydraulic oils	++	Sulphuric acid up to 30 %	++
Hydrochloric acid up to 30 %	++	Turpentine substitute	±
Hydrogen peroxide up to 10 %	++	Vegetable fats	++
Kerosene	±	Vegetable juice	++
Lactic acid up to 30 %	++	Washing-up liquid	++
Lemon juice	++	Wine	±
Linseed oil	++		

++ = resistant
 ± = conditionally resistant (approx. 1–2 hrs)

Notes on special hazards

See Safety Data Sheet, section 2

Safety tips

See Safety Data Sheet, sections 7 and 8

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