

Primer

# Triflex Towersafe Primer



## Product information

### Applications

Triflex Towersafe Primer is used as a primer on concrete or other mineral substrates. Triflex Towersafe Primer features very reliable application and high adhesive tensile strength on concrete.

### Properties

Triflex Towersafe Primer is a 2-component, fast-curing primer with a polymethyl methacrylate resin (PMMA) base. Triflex Towersafe Primer offers the following features:

- Unpigmented
- Unfilled
- Low viscosity
- Fast-curing
- Very reliable application
- High adhesive tensile strength

### Pack size

Drum

Summer	Winter	
10.00 kg	10.00 kg	Triflex Towersafe Primer base resin
0.40 kg	0.60 kg	Triflex Catalyst (4 x / 6 x 0.10 kg)
10.40 kg	10.60 kg	

### Colours

Transparent

### 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 Towersafe Primer can be applied in surface and ambient temperatures of a minimum of 0 °C and a maximum of +35 °C.

On porous, absorbent substrates, the application should ideally be carried out when the substrate temperature is dropping, so as to avoid penetration of air pores into the surface structure. For difficult substrates, we recommend using Triflex Ceryl Pinhole Paste.



### Preparation of the substrate

The substrate must be prepared by grinding, milling or shot-blasting until it is sound, dry and free of loose or adhesion-reducing particles.

Ensure that structural measures are taken to prevent moisture penetration from underneath. The residual moisture in the substrate must not exceed 6 % by weight. Substrate adhesion must be tested on a case-by-case basis.

Minimum tensile adhesion strength: 1.5 N/mm<sup>2</sup>.

For use on resin-modified mortars, an on-site compatibility test must be carried out.

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 + 0.60 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

### Material consumption

Minimum 0.40 kg/m<sup>2</sup> on a smooth, even surface

### Pot life

Approx. 15 min. at +20 °C

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### Drying time

Rainproof after: approx. 25 min. at +20 °C  
Can be walked on/recoated after: approx. 45 min. 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-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.