



## Product information

### Applications

Triflex Towersafe FA is used as a high-quality and durable waterproofing product for the elevated foundations of wind turbines, new buildings and refurbishments.

### Properties

Triflex Towersafe FA is a 2-component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base. Triflex Towersafe FA is a fibre-reinforced waterproofing resin without fleece reinforcement and offers the following features:

- Seamless
- Fast-curing
- 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
- Resistant to salt water and chemicals
- Hydrolysis-resistant
- Flexible in low temperatures
- Can be applied in temperatures as low as 0 °C
- Suitable for extreme weather locations
- Internally reinforced

### Pack size

Drum

Summer	Winter	
20.00 kg	20.00 kg	Triflex Towersafe FA base resin
0.40 kg	1.20 kg	Triflex Catalyst (4 x / 12 x 0.10 kg)
20.40 kg	21.20 kg	

### Colours

7035 Light grey  
7040 Window 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 Towersafe FA 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, Tab. 1). See dew point table.

### Mixing instructions

After thoroughly mixing the base resin, the corresponding catalyst quantity is added and mixed with the slow-running mixing machine. Stirring time at least 2 min.

### Mixing ratio

Temperature range of:	
0 °C to +5 °C	20.00 kg base resin + 1.20 kg catalyst
+5 °C to +15 °C	20.00 kg base resin + 0.80 kg catalyst
+15 °C to +35 °C	20.00 kg base resin + 0.40 kg catalyst

### Instructions for use

1. When waterproofing elevated foundations, Triflex Towersafe FA is first applied with a smoothing trowel and then smoothed in a horizontal direction with a plasterer's float/surface spatula with toothed edge (5 x 5 mm pointed teeth).  
Volume: at least 2.00 kg/m<sup>2</sup>  
Curing time: 45 to 60 mins.

2. Triflex Towersafe FA is applied again a second time in a vertical direction with a smoothing trowel and then smoothed with a surface spatula in a horizontal direction.  
Volume: approx. 1.00 kg/m<sup>2</sup>



## Produktinformation

### Material consumption

Approx. 3.00 kg/m<sup>2</sup> twice 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 recoated after:	approx. 45 min. at +20 °C
Resistant after:	approx. 1 hr. 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 or the respective purpose. Technical information is subject to changes without notice in the interests of technical advancement or enhancement of our products.