



Product data sheet

Triflex ProSolar Finish

Use

Triflex ProSolar Finish is used as a finish on Triflex PMMA systems to increase solar reflectance

Properties

- Highly reflective
- Cold liquid applied
- Exceptionally fast curing
- Chemical resistant
- UV resistant
- Mechanically resistant
- Solvent and isocyanate free

Components

| Component | Product |
|-----------|-------------------------|
| Resin | Triflex ProSolar Finish |
| Catalyst | Triflex Catalyst |

Packaging

| Component | Pack size |
|-----------|--------------------|
| Resin | Drum: 20.00Kg |
| Catalyst | Bag: 0.10Kg (100g) |
| | Box: 25.00Kg |

Colour(s)

9010 White.

Application conditions

| Condition | Value |
|-----------------------------------|---------------------|
| Ambient and substrate temperature | 0°C to +35°C |
| Relative atmospheric humidity | Up to 95% |
| Dew point | 3°C above dew point |

Substrate assessment / pretreatment / preparation

Ensure that the substrate is clean, dry and free from dust, laitance, grease, oil and any other contaminants and assess / pre-treat / prepare substrate in accordance with Triflex Bespoke Specification Proposal.

Initial resin mixing / decanting

1. Thoroughly mix the resin in the drum with a slow speed mixer until the resin achieves a uniform consistency;
2. If required, decant a measured weight of resin into a suitable container.



Mixing

| Temperature | 0°C to +5°C | +5°C to +15°C | +15°C to +35°C |
|------------------------------------|---------------|---------------|----------------|
| Catalyst to resin % | 6% | 4% | 2% |
| Catalyst per 10.00Kg drum of resin | 0.60Kg (600g) | 0.40Kg (400g) | 0.20Kg (200g) |

1. Measure the appropriate weight of catalyst for the weight of resin and the temperature;
2. Add the catalyst to the pre-mixed / decanted resin;
3. Thoroughly mix the resin and catalyst using a slow speed mixer for a minimum 2 minutes until the catalyst has been evenly distributed and leave for a minimum of 1 minute to allow the catalyst to fully dissolve;
4. Re-mix and use the mixed material within the pot life.

Application method

Apply by roller.

Pot life (at 20°C)

Approximately 15 minutes.

Note: Times will be slightly increased at lower temperatures and slightly reduced at higher temperatures.

Consumption

Approx. 0.70 to 0.90 kg/m².

Note: Consumption based on smooth, even, non-absorbant substrate.

Curing time (at 20°C)

| Condition | Time |
|--------------------------------|--------------------------|
| Rainproof | Approximately 30 minutes |
| Can be walked on / over-coated | Approximately 1 hour |
| Able to withstand stress | Approximately 2 hours |

Note: Times will be slightly increased at lower temperatures and slightly reduced at higher temperatures.

Interruptions during works

If work is interrupted for more than 12 hours or if soiled by rain etc., use Triflex Cleaner to clean and reactivate the transition area. Overlay after Triflex Cleaner has evaporated and a minimum 20 minutes / maximum 60 minutes after application.

Tool cleaning

Clean tools with Triflex Cleaner.

Storage / shelf life

Store unopened in a cool, dry, well ventilated place above freezing, out of direct sunlight and in the original container.

Shelf life if stored correctly: minimum 6 months / maximum 12 months.

Health and safety

Refer to Safety Data Sheets.

Disposal information

Refer to Safety Data Sheets for recommended EWC waste codes.

Environmental Product Declaration (EPD)

Eco Platform accreditation is recognised by the BRE as valid and transferable environmental documentation towards obtaining BREEAM credits within their assessment process and LEED assessment schemes.

Relevant EPD for product: [EPD-DBC-20190116-IBE1-EN](#)

Notes

The advice we provide on the application of our products is based on extensive development work and many years of experience, and is given to the best of our knowledge. The wide variety of requirements for a building under the most diverse conditions mean that it is necessary for the contractor to test the product for suitability in each case. Triflex reserve the right to make alterations in keeping with technical developments or improvements.

Non-Triflex products must not be used with Triflex systems.

Only the most recent version of this data sheet is valid.



Colour card

Triflex ProSolar Finish

Notes: There may be slight variations in shade between actual colours and those shown below.
RAL colours are approximate.

Triflex colours



9010 Pure white
Sand 01