

Triflex ProThan®



Use

Odourless, solvent free waterproofing resin used with Triflex 110g Reinforcement Fleece and as the optional heavy duty wearing layer and finish in the Triflex ProThan system.

Properties

- Cold liquid applied
- Odourless
- Solvent free
- Elastomeric
- Vapour permeable
- Chemical resistant
- UV resistant
- Mechanically resistant

Components

Component	Product
Resin	Triflex ProThan Resin
Hardener	Triflex ProThan Hardener

Packaging

Component	Pack size
Resin	Drum: 21.00Kg
Hardener	Drum: 4.00Kg
	Total: 25.00Kg

Colour(s)

- Approx. RAL 7009 Green Grey
- Approx. RAL 7016 Anthracite Grey

Application conditions

Condition	Value
Ambient and substrate temperature	+8°C to +35°C
Relative atmospheric humidity	Up to 75%
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 Specification.

Resin mixing

1. Add the hardener to the resin and thoroughly mix using a slow speed mixer for a minimum 3 minutes;
2. Transfer to another drum / bucket and mix again for a further minimum 2 minutes using a slow speed mixer.

Note: Avoid stirring in air and creating bubbles.



Mixing ratio

The mixing ratio corresponds to the pack size:
100 parts by weight resin : 18 parts by weight hardener

Where less than a full pack is required, after mixing the resin and hardener separately the materials must be accurately weighed in order than the mixing ratio remains exactly as per the full pack.

Application method

Roller.

Pot life (at 20°C)

Approximately 30 minutes.

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

Consumption

3.00Kg/m² minimum when used with Triflex 110g Reinforcement Fleece – refer to Triflex Specification.

1.50Kg/m² minimum when used with Triflex 0.7 - 1.2mm Quartz as an optional heavy duty wearing layer - refer to Triflex ProThan Specification.

0.70Kg/m² minimum when used as the finish to the optional heavy duty wearing layer - refer to Triflex ProThan Specification.

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

Curing time (at 20°C)

Condition	Time
Rainproof	Approximately 2 hours
Can be walked on / over-coated	Approximately 12 hours

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

Interruptions during works

If the surface is to be recoated between approximately 12 and 24 hours, ensure that the surface is clean. After 24 hours the surface must be carefully abraded prior to overcoating. If the surface is aggregate filled ensure that the surface is clean, dry and free from dust, grease, oil and any other contaminants prior to overlay. Do not under any circumstances apply Triflex Cleaner.

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.

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-FEI-20150252-IBG1-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.