



Product data sheet

Triflex Thixo SD

Use

Triflex Thixo SD is used with Triflex Stone Design R 1K and Triflex Stone Design S for the production of highly stable, vertical upstands of the Triflex Stone Design surface variant.

Properties

- Scratch and abrasion resistant
- No clumping
- Reduced wet absorption
- Hydrophobic

Note: The addition of Thixo SD delivers a matt appearance to the upstands which differs visually to the glossy Stone Design finish on the horizontal surface.

Components

Component	Product
Powdered thickening agent	Triflex Thixo SD

Packaging

Product	Pack size
Triflex Thixo SD	Plastic lidded container: 1Kg

Colour(s)

White

Application conditions

Condition	Value
Ambient and substrate temperature	+10 °C to +35 °C
Relative atmospheric humidity	Minimum 30% to Maximum 80%

Important:

During the execution and curing times, the substrate and ambient temperature must not fall below +5 °C. The Triflex Stone Design upstand must be protected from rain and condensation during the execution and curing time.

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 Project Specification proposal.

Mixing instructions

Thoroughly mix the resin in the drum with a slow speed mixer for a minimum 2 minutes until the resin achieves a uniform consistency.

Note: Avoid stirring in air and creating bubbles.



Mixing instructions

Important:

Never mix stones, resin binder and thixotropic powders together in a single process. The Resin binder must always be thixotropized first. A double agitator must be used to prevent clumping.

Upstand preparation

Prepare the upstand area with a layer of the thickened resin to act as a key:

1. Thoroughly mix Triflex Stone Design R 1K with 8-10% Triflex Thixo SD until it forms a uniform consistency. This can take up to 3 minutes.
2. Apply to upstand area with a brush, ensuring good, uniform coverage.
3. Ensure sufficient material is applied for a single application and promptly follow with Triflex Stone Design.

Triflex Stone Design for Upstands

For 1m² upstand:

1. Thoroughly mix 1.3Kg Triflex Stone Design R 1K with 0.125Kg Triflex Thixo SD until it forms a uniform consistency. This can take up to 3 minutes.
2. Place 12.5Kg Triflex Stone design S in a bucket. Add the Resin Binder and Thixo mix to the Stones. Mix thoroughly with a double agitator to avoid clumping.
3. Apply the freshly mixed Triflex Stone Design vertically, onto the freshly prepared surface. Apply pressure.

Note: Do not dilute. For smoothing use soapy water only. Do not use Triflex cleaner.

Pot life (at 20°C)

Approx. 2 hours

Consumption

Addition of 8% - 10% by weight to the resin.

Curing time (at 20°C)

Condition	Time
Rainproof	Approximately 8 hours

Health and safety

Refer to Safety Data Sheets.



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Tool cleaning

Clean tools with soapy water. Do not use Triflex Cleaner.

Storage / shelf life

Store in a cool, dry and frost-free place at +5°C - +30°C.
Shelf life approx. 18 months.

Direct sunlight should be avoided, even on the construction site.

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.