

Thickening agent

Triflex Thixo SD



Product information

Applications

Triflex Thixo SD is used to create stable, vertical upstands in the Triflex Stone Design system with Triflex Stone Design R 1K.

Properties

Triflex Thixo SD is a thickening agent in powder form with the following features:

- High thickening capacity
- Easy to use
- Low consumption

Pack sizew

Plastic bucket

1.00 kg Triflex Thixo SD

Colours

White

Storage

Can be stored for approx. 18 months in a cool, dry place above freezing. Store at temperatures between +5 °C and +30 °C. Keep container away from direct sunlight when in storage and on the construction site.

Conditions for use

Triflex Thixo SD can be applied at substrate and ambient temperatures between +10 °C and +35 °C.

The relative humidity must not exceed 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.

Preparation of the substrate

The pre-treated and coated 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 entire surface from underneath. Substrate adhesion must be tested on a case-by-case basis.

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

Important:

Never mix Triflex Stone Design S (marble gravel/granite grit), Triflex Stone Design R 1K and Triflex Thixo SD together.

Triflex Stone Design R 1K must always be prepared as a thixotropic formulation with Triflex Thixo SD first.

For full-surface pre-brushing of the vertical areas, Triflex Stone Design R 1K is homogeneously mixed with Triflex Thixo SD. Stirring time approx. 3 mins.

For vertical areas, Triflex Stone Design R 1K is homogeneously mixed with Triflex Thixo SD again. The thixotropic binder is then added to the prepared stones and mixed with a double mixing machine until all stones are homogeneously wetted with the thickened binder. Stirring time min. 3 min. Each mixing process should be the same time; otherwise the final results may differ.

Suitable double mixing machine: e.g. Collomix Xo 55 R.

Mixing ratio

For pre-brushing the upstands, mix Triflex Stone Design R 1K (resin) with 8–10 % Triflex Thixo SD (thickening agent).

To prepare the resin/special aggregate mixture for the upstands, mix 1.30 kg Triflex Stone Design R 1K (resin) with 0.125 kg Triflex Thixo SD (thickening agent). The thickened binder is then added to 12.50 kg Triflex Stone Design S.

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Instructions for use

Only pre-brush as much as can be laid promptly with one mixture. The surfaces incl. profile flange are to be completely pre-painted with sufficient material, avoiding defective spots.

Apply the wet-on-wet mixture to the pre-brushed surface. Apply pressure when doing this. Only use dishwasher water for smoothing. Never use thinner or Triflex Cleaner.

Due to its structure, the binder should only be decanted in areas protected from the wind.

Material consumption

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

Pot life

Approx. 2 hrs. at +20°C

Drying time

Rainproof after: approx. 8 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-Triflex products must not be used with 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 its respective purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.