Baumit StarTex

Product
Alkaline resistant, glass fibre textile mesh to be used in Baumit ETICS. Tested according to ETAG 004.

Composition
SBR coated glass fibres (styrene butadiene rubber).

Properties
Optimised load failure and expansion.

Application
Used within the base coat render (reinforcement layer) of ETICS and for strengthening general base coat renders and plasters.

Technical data
- Mesh size: approx. 4x 4 mm
- Surface/weight ratio: ≥145 g/m²
- Tensile strength: ≥ 2000 N/50 mm
- Tensile strength after ageing: ≥ 1000 N/50 mm
- Material requirement: 1,1 m²/m²
- 1 roll covers: app. 45 m²

Storage
Store upright in a dry place

Quality assurance
In house monitoring through our own laboratories and third party inspection of our control procedures through a notified body.

Delivery format
50 m² roll, (width 1 m, length 50 m), 1 pallet = 33 rolls = 1650 m²

Health and Safety
Not subject to labelling requirements!

Processing
Area reinforcement:
After sufficient hardening of the adhesive application the insulation boards can be sanded down and the dust removed. Baumit Mineral façade insulation boards cannot be sanded down. Here a levelling layer is applied onto the boards after the anchors have been installed. A waiting time of 3 days before application of the reinforcement layer must be observed. The reinforcement layer is applied to the boards with a stainless steel notched trowel (10 mm notches). Continuous sheets of StarTex reinforcing mesh, free of creases and with 100 mm overlapping edges are embedded into the fresh reinforcement mortar. The StarTex reinforcing mesh must be covered with at least 1mm (0.5 – 3 mm max. at the overlapping edges) reinforcement mortar. A further 1-2mm of the reinforcement mortar is applied “wet on wet” on the embedded StarTex reinforcing. Observe a waiting time of at least 7 days prior to the application of further coatings.

Diagonal reinforcement:
Embed Baumit StarTex strips into the reinforcement mortar diagonally across the corners of windows and doors prior to reinforcing the main areas. The reinforcement strips must be at least 20 x 30 cm.
Building corners:
Where building corners are formed using Baumit corner beads with mesh, the whole mesh wings must be fully embedded in the reinforcement mortar. If the profiles are not used, then the corners must be formed during the area reinforcement application. To achieve this, a sheet of StarTex must continue from one side of the building around the corner for at least 200 mm and overlap adjoining sheets by at least 100 mm.

Internal corners:
Internal corner reinforcement follows the same procedure as the external corners and with 100 mm overlapping of the sheets of StarTex.

High impact areas: Prior to applying the area reinforcement an additional reinforcement layer of Baumit StarTex or Baumit StrongTex (adjoined but not overlapping!) embedded in the reinforcement mortar is applied. Keep a waiting time of at least 24 hours.

In addition to the mentioned standards, refer to the valid version of the Baumit application guidelines for ETICS!

Notes and General Information

The air, material and subsurface temperature must be above 5° C during application and curing. Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets).

When working with StarTex reinforcing mesh, ensure that no cavities form underneath the mesh. If using corner beads or profiles (without mesh wings) ensure that at least one sheet of the StarTex reinforcing mesh continues over and around the corner to the other side. When deburring the reinforcement layer, ensure that the StarTex reinforcing mesh is not damaged or exposed.