

Baumit StarTex

Textile reinforcement mesh

Product	Alkaline resistant, glass fibre textile mesh for use with external wall insulation systems. Tested according to ETAG 004.	
Intended use	Provides reinforcement for Baumit contact mortars. Strengthens basecoats for Baumit External Wall Insulation systems, render carrier boards and general basecoat renders and plasters.	
Composition	SBR coated glass fibres (styrene butadiene rubber).	
Properties	Optimised load failure and expansion.	
Technical data	Mesh size: approx.	4 x 4 mm
	Surface/weight ratio:	≥ 145 g/m ²
	Tensile strength:	≥ 2000 N/50 mm
	Tensile strength after ageing:	≥ 1000 N/50 mm
	Consumption:	1.1 m ² per m ²
	Yields:	ca. 45 m ² per roll
Health and safety	Not subject to labelling requirements!	
Storage	Store upright in dry conditions.	
Quality assurance	In house monitoring through our own laboratories. Third party inspection is carried out through a certified body.	
Packaging	50 m ² roll, (width 1 m, length 50 m), 1 pallet = 33 rolls = 1650 m ²	
Application	<p>Basecoat with reinforcement for Baumit insulation boards and selected render carrier boards and render substrates:</p> <p>Baumit contact mortar is applied to the substrate surface with a stainless steel notched trowel (10 mm notches). Continuous sheets of StarTex reinforcing mesh are placed onto the contact mortar, free of creases and with 100 mm overlapping edges. A further 1- 3mm of contact mortar is applied “wet on wet” over the embedded StarTex reinforcing mesh. The StarTex reinforcing mesh must be covered with at least 1 mm (0.5 – 3 mm max. at the overlapping edges) of contact mortar. Excessive trowelling is to be avoided. Trowel lines are to be removed after hardening. The overall basecoat thickness must be from 3 – 8 mm depending on the type of substrate and contact mortar.</p> <p>Diagonal reinforcement:</p> <p>Embed Baumit StarTex (min. 200 x 300 mm sheets) strips in a tight coat of contact mortar applied diagonally across the corners of windows and door openings prior to reinforcing the main areas.</p> <p>Edges and corner reinforcement:</p> <p>Corners and edges are generally formed using purpose made Baumit corner beads with mesh wings fully embedded in contact mortar. If these profiles are not used, then the StarTex reinforcing mesh and contact mortar is continued around the edge or corner by at least 200 mm, and maintaining overlaps to adjoining sheets by at least 100 mm.</p> <p>Internal corners:</p> <p>Internal corner reinforcement follows the same procedure as the external corners and with 100 mm overlaps between sheets of StarTex.</p> <p>High impact areas:</p> <p>An additional reinforcement layer of Baumit StarTex (meeting at the edges but not</p>	

overlapping!) embedded in a tight coat of contact mortar may be applied prior to the main reinforcement layer and left to stand for at least 24 hours. The sheets of StarTex in the following reinforcement layer must then be stagger bonded over the previous layer.

In addition to the cited standards, please refer to the current valid version of the Baunit Installation Guidelines for external wall insulation systems!

Further information The air, material and substrate 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 basecoat render, ensure that the StarTex reinforcing mesh is not damaged or exposed.

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