



Baunit StarTex

Product	Alkaline resistant, glass fibre textile mesh to be used in Baunit 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	<table><tr><td>Mesh size:</td><td>approx. 4x 4 mm</td></tr><tr><td>Surface/weight ratio:</td><td>≥145 g/m²</td></tr><tr><td>Tensile strength:</td><td>≥ 2000 N/50 mm</td></tr><tr><td>Tensile strength after ageing:</td><td>≥ 1000 N/50 mm</td></tr><tr><td>Material requirement:</td><td>1,1 m²/m²</td></tr><tr><td>1 roll covers:</td><td>app. 45 m²</td></tr></table>	Mesh size:	approx. 4x 4 mm	Surface/weight ratio:	≥145 g/m ²	Tensile strength:	≥ 2000 N/50 mm	Tensile strength after ageing:	≥ 1000 N/50 mm	Material requirement:	1,1 m ² /m ²	1 roll covers:	app. 45 m ²
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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 m ² roll, (width 1 m, length 50 m), 1 pallet = 33 rolls = 1650 m ²												
Health and Safety	Not subject to labelling requirements!												
Processing	<p><u>Area reinforcement:</u> After sufficient hardening of the adhesive application the insulation boards can be sanded down and the dust removed. Baunit 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.</p> <p><u>Diagonal reinforcement:</u> Embed Baunit 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.</p>												

Building corners:

Where building corners are formed using Baunit 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 Baunit **StarTex** or Baunit 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 Baunit 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.

Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the fitness of our products for the intended purpose or use by itself.