

# Baumit StarTex

## Alkaline resistant, glass fibre textile mesh



- Highly alkali resistant
- Simple to apply
- Baumit quality

<b>Product:</b>	Alkaline resistant, glass fibre textile mesh to be used in Baumit ETICS. Tested according to ETAG 004.
<b>Composition:</b>	SBR coated glass fibres (styrene butadiene rubber).
<b>Properties:</b>	Optimised load failure and expansion.
<b>Intended use:</b>	Used within the base coat render (reinforcement layer) of ETICS and for strengthening general base coat renders and plasters.
<b>Technical data:</b>	Mesh size: app. 4x 4 mm Surface/weight ratio: $\geq 145 \text{ g/m}^2$ Tensile strength: $\geq 2000 \text{ N/50 mm}$ Tensile strength after ageing: $\geq 1000 \text{ N/50 mm}$ Material requirement: $1,1 \text{ m}^2/\text{m}^2$ 1 roll covers: app. $45 \text{ m}^2$
<b>Quality assurance:</b>	In house monitoring through our own laboratories and third party inspection of our control procedures through a notified body.
<b>Storage:</b>	Store upright in a dry place.
<b>Delivery format:</b>	50 m <sup>2</sup> roll, (width 1 m, length 50 m), 1 pallet = 33 rolls = 1650 m <sup>2</sup>
<b>Health and Safety:</b>	Not subject to labelling requirements!
<b>Classification according to Chemical Substances Act:</b>	Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and –Council from 18.12.2006) at <a href="http://www.baumit.com">www.baumit.com</a> or request the Safety Data Sheet at the respective production plant.
<b>Application:</b>	<p><b>Area reinforcement:</b></p> <p>After sufficient hardening of the adhesive, the insulation boards can be sanded down and the dust removed. In case of using Baumit mineral fa-cade insulation boards, a levelling layer has to be applied instead of sanding.</p> <p>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. Baumit StarTex reinforcing mesh must be covered with at least 1mm (0.5 – 3 mm max. at the over-lapping edges) reinforcement mortar. A further 1-2mm of the reinforcement mortar is applied "wet on wet" on the embedded Baumit StarTex reinforcing. Observe a waiting time of at least 7 days prior to the application of further coatings.</p> <p><b>Diagonal reinforcement:</b></p> <p>Embed Baumit StarTex strips into the reinforcement mortar diagonally across the corners of windows and doors prior to reinforcing the main ar-eas. The size of the reinforcement strips must be at least 20 x 30 cm.</p> <p><b>Building corners:</b></p> <p>Where building corners are formed using Baumit edge protection profiles with mesh, the whole mesh wings must be fully embedded in the rein-forcement mortar. If no profiles are used, the corners must be formed dur-ing 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.</p> <p><b>Internal corners:</b></p> <p>Internal corner reinforcement follows the same procedure as the external corners and with 100 mm overlapping of the sheets of Baumit StarTex.</p>

**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 edge protection profiles 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.

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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 suitability to our products for the intended purpose or use by itself.