

SOLTHERM HD 335/P

Alkali Resistant Armour Fibreglass Mesh

PRODUCT DESCRIPTION:

- alkali resistant
- rigid weave
- high weight per square metre 367 g/m²
 - extreme impact resistance - even over 130J - in the SOLTHERM HD ULTIMATE system

USE:

- to reinforce base coats in ETICS external wall insulation systems,

SUBSTRATE PREPARATION:

Prior to fibre reinforced base coat in ETICS

After min. 48h (applies when the SOLTHERM adhesives were used) from attaching the EPS boards, sand with coarse sandpaper or an abrasive rasp and remove the sanding dust. Apply a filler over the washer plates of mechanical fixings. Install corner trims or beads, window profiles, movement beads, diagonal mesh strips at the corners of door and window openings using a base coat/adhesive for embedding fibreglass mesh (such as SOLTHERM UB) and allow to dry. Make sure that the installed insulation boards are flush to provide even and continuous surface. Fill any interstices or gaps between insulation boards with polystyrene wedges matching coat thickness or low-pressure installation foam.

NOTICE:

Do not leave polystyrene boards exposed to UV for an extended period of time as it may destroy their surface and reduce the bond strength of adhesive. If a powdery yellowish deposit appears on the surface of insulation boards or the boards are exposed to sunlight for more than 7 days, they need to be sanded and cleaned of the dust.

APPLICATION:

Use a notched trowel (8-10 mm notch size) to apply a continuous layer of the adhesive over the insulation boards to a uniform thickness of approx. 3-4 mm and immediately embed the mesh SOLTHERM HD 335/P into the adhesive so that it is evenly stretched and fully embedded in adhesive.

Apply adjacent strips of the armour mesh SOLTHERM HD 335/P horizontally, do not overlap. Do not wrap the mesh around corners or widow reveals.

Glass fibre mesh SOLTHERM HD 335/P cannot be used as a sole mesh in the base coat, but solely as a second additional reinforcement with the mesh SOLTHERM HD 158/S.

LIMITATIONS AND RECOMMENDATIONS:

- Follow the instructions and guidelines provided in the technical data sheets of the products with which the reinforcing mesh BOLIX HD 335/P will be used.

TECHNICAL DATA:

Type of weave:

gauze

Length:

≥ 25 m

Width:

1.0 m (±10%)

Colour:

Orange

Mesh size:

4.7 x 5.6 mm (±10%)

Weight:

367 (±18) g/m²

Ash content:

80.6±4 %

Tear strength in warp and in weft direction, N/mm, tested on samples stored for 28 days in:

- laboratory conditions: ≥ 100 N / mm
- Alkali solution: ≥ 60 N / mm

relative elongation at break in warp and in weft direction, %, tested on samples stored for 28 days in:

- laboratory conditions: 5.1 (±0.51)%
- Alkali solution: 2.9 (±0.29)%

Residual resistance value in warp and in weft direction:

≥ 50% of the value in laboratory conditions

Packaging:

roll: 25 m

No. of containers per pallet:

30 rolls

NOMINAL COVERAGE:

1.0 m² mesh / 1 m² surface

STORAGE:

Store on its roll in intact containers and temp. between +5°C and +50°C. Protect from being crumpled, wrinkled or creased. Store away from the reach of children.

COMPOSITION:

Glass fibres coated with alkali resistant dispersion.

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