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SCHEDA TECNICA



HT150 MESH

FIBREGLASS MESH FOR
INSULATION SYSTEM AND
CONCRETE MEMBRANES



Armatura con
destinazione d'uso
ETICS
N. 007/09



PRODUCT

Alkali-resistant fibreglass mesh for strengthening of levelling grouts in the insulation system and strengthening of concrete membranes.

Mesh 4,0x4,5 mm - width 1,1 m - weight 150 g

CHARACTERISTICS

Mesh realized with selected fibreglass spuns and then successively starched by resins resistant to cement alkali and anhydride contained in the gypsum.

APPLICATION FIELD

It is used in the insulation system coatings and in cement-based sheaths as reinforcement of the layer of mortar in order to absorb and evenly distribute the mechanical stresses to which the system may be subject and to prevent the formation of cracks.

PACKAGING

The reinforcing mesh for exterior insulation and the cement-based ducts are packaged in rolls 50 m long and 1,1 m width.

ITEM SPECIFICATIONS (Cement-based sheaths)

The reinforcement of the elastic cement-based ducts for the waterproofing of the substrates must be realized with a fibreglass mesh, such as HT 150 Mesh by Edilcol Italia, whose weight of starched fabric is 150 g/sqm.

ITEM SPECIFICATIONS (Insulation system)

The reinforcement of the levelling grout in the insulation system must be realized with a fibreglass mesh, such as HT 150 Mesh by Edilcol Italia, whose weight of starched fabric is 150 g/sqm.



Cert. n. 27395-2008-AQ-ITA



Cert. n. 1982-CPR-059/471



Polizza n. 70023

CERTIFICATES, CONTROLS

The mesh is in compliance with ETAG 004 Guide Line for ETICS (External Thermo Insulating Composite System), which is suitable for the use in thermal insulation systems, and has the Quality label ITC CNR n. 007/09.

Each supply is checked thoroughly in our laboratories.

RECOMMENDATIONS

Unroll the rolls from above downwards, overlapping two adjacent rolls for at least 10 cm (the blue line, parallel to the red edge, stresses the overlaps of 10 cm). Drown the mesh until its completely disappeared. The marks placed every 10 cm and 50 cm make simple the initial positioning of the mesh and its subsequent levelling or cut during the rolling and the laying phases.

Avoid the application at temperatures below +5°C or above +35°C.

During the laying of the Mesh HT 150 avoid the formation of creases and bubbles.

Anyone wishing to apply the product must establish compatibility with the intended use, undertaking all liability arising from its use.

DATI TECNICI

Rev. 03 - 02/2016

Weight:	150 g $\pm$ 5%
Mesh width:	
Warp	4,0 mm
Weft	4,5 mm
Breaking Strength:	
Warp	40,0 N/mm
Weft	46,0 N/mm
Breaking elongation:	
Warp	3,5 %
Weft	3,5 %