

ARMO 150

Fiber glass mesh premium net

Description

Fiber glass mesh used in thermal insulating systems ETICS, as armor for the smoothing layer in order to absorb and evenly distribute the mechanical stresses to which the system could be subjected (ground settling, shrinkage, temperature changes, external agents) avoiding the onset of cracks in the facade.

Composition

Made of fiber glass, impregnated with anti alkaline resins SBR, it complies with ETAG 004 certified by leading European Institutes, accompanied by Quality Mark ITC CNR, axle spacing 4,0 x 4,5 mm and weight equal to 150 gr/m².

Certified as per ETAG 004 (reference standard)

Certified ITC CNR

Certified ZUS

Certified DibT

Certified MA 39

Certified CSTB.

Application

The fiberglass reinforcement mesh must be completely embedded in the mortar skim coat, lying above the insulating panels.

One proceeds unrolling the network Angle rolls down drowning, with the help of a trowel or a spatula, taking care to overlap them for at least 10 cm, avoiding the formation of bubbles or folds.

Technical specification

Supply and installation of White fiber glass mesh (identification code R117, corresponding to net weight per square meter of fiber glass mesh without resin), with overlap and cut lines to facilitate the correct installation.

Height 1,10 x 50 meters.

Packed in cellophane rolls.

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Technical data

Technical characteristics	Unit description	Value	
		Warp	Weft
Setting	for 10 cm	21 x 2	17,5
Standard height	cm	110	
Roll length	m	50	
Treated Fabric Thickness	mm	0,50	
Loom state Fabric Weight	g/m ²	150 ± 5%	
Combustible Matter Content (LOI)	% of mass	20	
Treatment type		Alkali resistant without emollient	
Square Dimension	mm	4,0 x 4,5	

Tensile strength (TS) and elongation:

Minimum individual tensile strength (N/50 mm) and maximum elongation (%) when reaching minimum tensile strength is ascertained according DIN EN ISO 13934 - 1 as per below.

Deposition method	Elongation Average value	Tensile strength	
		Nominal value	Individual value
Standard condition	3,8 / 3,8	2100 / 2200	1900 / 1900
5 % NaOH Solution	3,5 / 3,5	1300 / 1350	1000 / 900
Fast Test (6 hours)	3,5 / 3,5	1500 / 1600	1100 / 1000
3 ion Solution			1000 / 1000 - 50 % / 50 %

Tolerances:

Setting: ± 5% in Warp and Weft

Width: ± 1%

Length: ± 2%

LOI: ± 3%

Quality Inspection: Quality inspection, sampling and material acceptance follows the Customer Acceptance Standard No. 0326.

Packing: The rolls of fabrics are packed vertically in a cardboard box, on a wooden pallet.

A precise method of packing is mentioned in the works standard for packing and can vary based on a customer request.

Storing: Packed rolls are to be stored in dry rooms. Storing temperature is from -10°C to +50°C.

We reserve the rights to change or modify the nominal values without prior notice or advice. The information contained in this data sheet are based on our experience. We cannot take any responsibility for a possible incorrect use of the products. The customer has to choose under their own responsibility a product fit for the intended use.