

FIBERGLASS MESH SILVER-NET (160g - R131)



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1. CODE REGISTRY

Code	Product Description	Dimensions (m)	Weight	Colour	Pkg. / Pallet
RET01-1170	Orange fiber glass mesh for wall insulation	1,10 x 50	160 gr./m ² (±5%)	Orange	55 m ² / 1.650 m ²
RET01-1171	White fiber glass mesh for wall insulation	1,10 x 50	160 gr./m ² (±5%)	White	55 m ² / 1.650 m ²
RET01-1171N10	White fiber glass mesh for wall insulation	1,00 x 50	160 gr./m ² (±5%)	White	50 m ² / 1.500 m ²
RET01-1172	Blue fiber glass mesh for wall insulation	1,10 x 50	160 gr./m ² (±5%)	Blue	55 m ² / 1.650 m ²
RET01-1172N10	White fiber glass mesh for wall insulation	1,00 x 50	160 gr./m ² (±5%)	Blue	50 m ² / 1.500 m ²
RET01-1172A110	Fiberglass E+ Coat Mesh	1,10 x 50	160 gr./m ² (±5%)	White	55 m ² / 1.815 m ²

MATERIAL

Made of fiber glass Adfors Saint-Gobain type E, impregnated with anti-alkaline resins SBR, it complies with ETAG 004 certi ed by leading European Institutes, enlarged mesh 3,5 x 3,8 mm and weight equal to 165 gr/m².

Characteristics	Units Description	RET01-1170 - RET01-1171 - RET01-1171N10 - RET01-1172 - RET01-1172B10
		Warp Weft
Setting	per 10 cm	25 x 2 20,5
Standard height	cm	110
Roll length	m	50
Treated Fabric Thickness	mm	0,52
Loom state Fabric Weight	g/m ²	131
Treated Fabric Weight	min g/m ²	160 ± 5% (max 168 gr. - min 152 gr.)
Combustible Matter Content (LOI)	% of mass	20%
Treatment type		alkaliresistant without emollient, obstructing yarn drifting
Square Dimension	mm	3,5 x 3,8

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.

	Tensile strength		Elongation
	Nominal value	Individual value	Average value
Standard condition	2.000 / 2.200	1.900 / 1.900	3,8 / 3,8
5 % NaOH Solution	1.140 / 1.300	1.200 / 1.200	3,5 / 3,5
Fast Test (6 hours)	1.500 / 1.700	1.250 / 1.250	3,5 / 3,5
3 ions solution		1.000 / 1.000 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.

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2. CERTIFICATIONS



Certified according to ETAG 004
 Certified ZUS
 Certified DibT
 Certified MA 39
 Certified CSTB

3. DESCRIPTION

Mesh in orange, white, light blue (ID code R131, corresponding to weight per m² m of pure glass fiber net of finishing).
 Available h. 1.10 x 50 m and h. 1.00 x 50 m.
 Packaged in cellophane wrapped rolls without cardboard tube.

4. USE

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.

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.

5. CONSIGLI DI POSA

La rete di armatura in fibra di vetro va completamente annegata nello strato di malta rasante, steso sopra i pannelli isolanti.
 Si procede srotolando i rotoli di rete dall'alto verso il basso annegandoli, con l'aiuto di un frattazzo o di una spatola, avendo cura di sovrapporli per almeno 10 cm, evitando la formazione di bolle o piegature.

OVERLAPPING



IN LAYING STAGE



6. TECHNICAL SPECIFICATION

Specification	Description	Unity	Price
Dak.B.RET01.117x	Supply and installation of Fiberglass Orange, white or blue colour fiber glass mesh (identification code R131 corresponding to net weight per square meter of fiber glass mesh without resin). Height 1,10 x 50 and 1,00 x 50 meters. Packed in cellophane rolls. Made of fiber glass Adfors Saint-Gobain type E, impregnated with anti-alkaline resins SBR, it complies with ETAG 004 certified by leading European Institutes, enlarged mesh 3,5 x 3,8 mm and weight equal to 160 gr/m ² +/- 10%. Used in thermal insulating systems ETICS, as reinforcement of the smoothing layer. It absorbs and distributes 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.		
Dak.B.RET01.1170	Orange - 1,10 x 50 m.....	m ²	-
Dak.B.RET01.1171	White - 1,10 x 50 m.....	m ²	-
Dak.B.RET01.1171N10	White - 1,00 x 50 m.....	m ²	-
Dak.B.RET01.1172	Blue - 1,10 x 50 m.....	m ²	-
Dak.B.RET01.1172N10	Blue - 1,00 x 50 m.....	m ²	-