

OPTIMA NET 160



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1. CODE REGISTRY

Code	Description	Measure (mm)	Weight	Colour	Pkg. / Pallet
RET01-1172E*	Fiberglass coat mesh	1,00 x 50 m	160 gr./m ²	White	50 m ² / 1.750 m ²

* alternative codes: 1172EB, 1172EBA, 1172EBB, 1172EBG, 1172EP, 1172EPL, 1172EK

MATERIAL

Made of fiberglass type E, impregnated with anti-alkaline resins SBR and weight of 160 gr/m².

The net is available in different colors or with different brands (Optima, Optimax, Optinet, Optimesh or other customizations).

Features	Unit of Measure	RET01-1172E	
		Warp	Weft
Setting	for 10 cm	21 x 2	16,5
Standard Height	cm	100	
Roll length	m	50	
Treated fabric thickness	mm	0,6	
Treated fabric weight	g/m ²	160 ±5%	
Combustible Content (LOI)	% of mass	20	
Dimensions wheelbase	mm	3,9 x 3,8	

Tensile strength (TS) and elongation:

Minimum tensile strength (N/50 mm) and maximum elongation (%), is ascertained according to EAD 040016-00-0404:2016 as shown below.

	Resistance to Traction	
Deposition method	Nominal Value	Individual Value
Standard Conditions	2.100 / 1.800	2.000 / 1.700

Tolerance:

Setting: ± 5% in Ordito e Trama

Height: ± 1%

Length: ± 2%

LOI: ± 3%

Quality Inspection

The way of quality control, taking samples and shooting material, is according to standard of 0326 works.

Packing:

Rolls are packed vertically in cardboard boxes, on a pallet.

Magazine:

Rolls must be stored in dry places. Storage temperature from -10°C to +50 °C.

CERTIFICATION

According to EAD 040016-00-0404:2016

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INSTALLATION

The fiberglass reinforcement mesh must be completely drowned in the layer of smoothing mortar, spread over the insulating panels. Proceed by unrolling the rolls of net from top to bottom drowning them, 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.

OVERLAP



DURING INSTALLATION



2. USE

Used in thermal insulation systems, ETICS, as reinforcement of the smoothing layer in order to absorb and evenly distribute the mechanical stresses to which the system may be subjected.

3. TECHNICAL SPECIFICATION

Item	Description	U.M.	Price
Dak.B.RET01.1172E	<p>Supply and installation of anti-cracking fiberglass mesh for "a cappotto" insulation, made of E-glass fiber with anti-alkaline sizing equal to 20%, raw fabric weight equal to 131 gr. The weight of the treated fabric is 160 gr/m2 (with an appreciable deviation of 5%). Mesh size should be 3,5 x 4,0 mm.</p> <p>The mesh must be placed in the layer of adhesive, making sure that it is perfectly embedded using a notched trowel or float. The superimpositions of the various layers of net must never be less than 10 cm.</p> <p>The surface so obtained must be further smoothed and levelled in order to receive, once cured, the further coat of gravel plaster and painting.</p> <p>In yard the net will be delivered in incelophanati rolls, bearing a control code and sheet with an outline description of the product. The dimensions of the roll are equal to 1.00 m in height by 50 m in length.</p> <p>Used in thermal insulation systems, ETICS, as reinforcement of the smoothing layer in order to absorb and evenly distribute the mechanical stresses to which the system may be subjected.</p> <p>Dimensions 1,00 x 50 m.....</p>	m²	-