

FIBER GLASS MESH GOLD NET ETAG 004 ITC CNR (165 GR - R131)



INDEX

1. Code Registry
2. Use
3. Technical Specification

1. CODE REGISTRY

Code	Product Description	Dimensions (m)	Weight	Colour	Pkg. / Pallet
RET01-1173DK	Gold-Net fiber glass mesh for wall insulation	1,10 x 50	165 gr/m ²	Yellow	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 certified by leading European Institutes, accompanied by Quality Mark ITC CNR, enlarged axle spacing 3,5 x 3,8 mm and weight equal to 165 gr/m².

CERTIFICATION

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

Characteristics	Units Description	RET01-1173DK	
		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
Deposition method			
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. USE

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.

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.

OVERLAPPING



IN LAYING STAGE



3. TECHNICAL SPECIFICATION

Specification	Description	Unity	Price
Dak.B.RET01.1173DK	Supply and installation of Yellow colour fiber glass mesh (identification code R131 corresponding to net weight per square meter of fiber glass mesh net without resin). Height 1,10 x 50 meters. With overlap and cut lines to facilitate the correct installation. 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, accompanied by Quality Mark ITC CNR, mesh 3,5 x 3,8 mm and weight equal to 165 gr/m ² . 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.	m ²	-