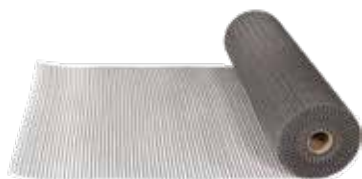


# STRUCTURAL FIBER GLASS MESH - TITANET 500

## (345 GR - R288)



### INDEX

1. Code Registry
2. Use
3. Technical Specification

## 1. CODE REGISTRY

Code	Product Description	Dimensions (m)	Weight	Colour	Pkg. / Pallet
RET01-1179	Structural fiber glass mesh - Titanet 500	1,00 x 50	345 gr/m <sup>2</sup>	Grey	50 m <sup>2</sup> / 500 m <sup>2</sup>

### MATERIAL

It is a valid alternative to the fiber glass mesh produced as AR glass, assembled with a glass spun and a low content of soda (NaOH) and with a special alkali-resistant resin, which combines very good performances with a competitive price. The alkali barrier ensures a high resistance also to water PH of Portland cement.

Characteristics	Units Description	RET01-1179	
		Warp	Weft
Setting	per 10 cm	16,4	11,5
Standard height	cm	100	
Roll length	m	50	
Treated Fabric Thickness	mm	2,0	
Loom state Fabric Weight	g/m <sup>2</sup>	276	
Treated Fabric Weight	min g/m <sup>2</sup>	345	
Treatment type	alkaliresistant without emollient, obstructing yarn drifting		

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	Tensile strength		Elongation
	Nominal value	Individual value	Average value
Standard condition	3.300 / 4.800	3.100 / 4.600	4,0 / 4,4
Fast Test (6 hours)	2.800 / 3.000	2.650 / 2.850	3,5 / 3,5
Soluzion 3 iont		1.800 / 2.800 50% / 50%	

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.

## 2. USE

Used in renovation with matrix based on cement and epoxy resin, as structural reinforcement of stone or deteriorated brickwork embedded in cement mortar, or the renovation of load-bearing structures, damaged by earthquakes and/or highly stressful.

## 3. TECHNICAL SPECIFICATION

Specification	Description	Unity	Price
Dak.B.RET01.1179	Supply and installation of Grey fiber glass mesh (identification code R288-CK350, corresponding to net weight per square meter of fiber glass mesh without resin), h. 1,00 x 50 m. Packed in cellophane rolls. It is a valid alternative to the fiber glass mesh produced as AR glass, assembled with a glass spun and a low content of soda (NaOH) and with a special alkali-resistant resin, which combines very good performances with a competitive price. The alkali barrier ensures a high resistance also to water PH of Portland cement. Used in renovation with matrix based on cement and epoxy resin, as structural reinforcement of stone or deteriorated brickwork embedded in cement mortar, or the renovation of load-bearing structures, damaged by earthquakes and/or highly stressful. Grey - 1,00 x 50 m.....	m <sup>2</sup>	-