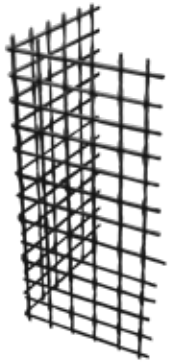
ANGLE BEAD DRAGONET 66/66
PREFORMED CORNER ELEMENT MADE OF GFRP



INDEX

1. REGISTRY CODE

Code	Description	Mesh (mm)	Weight	Color	Pkg. / Pallet
RET03-40660S/A	Angle bead Dragonet	250 x 250 x 1.050	218 gr/m²	Black	1 cf. 40 pc. / 960 pcs.

MATERIAL Made of alkali-resistant GFRP (Glass Fiber Reinforced Polymer), composite mesh, and weight of 218 gr./m2.

2. DESCRIPTION

Monolithic GFRP mesh corner element made of glass yarn bars and pultruded epoxy resin. The bars are woven together through a stitching thread, using a unique technology to form joints between longitudinal and transverse bars with high mechanical strengths.
The epoxy resin provides the mesh with high mesh dimensional stability, alkali resistance, and improves mechanical characteristics.
The composite has square cells, the size of which is ideal for use with CRM mortars.

3. USE

Reinforcement of masonry, vaults and floors for static and seismic upgrading of existing structures.

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4. FEATURES

FEATURES	UM	VALUE	REFERENCE
Weight	gr/m	218	-
Dimensions (length and width sides)	m	1.050 x 0,25 x 0,25	-
Nominal diameter of single strand (warp and weft)	mm	3	CNR-DT 203/206
Yarn type	Continuous filament glass fiber	-	-
Type of sizing	Epoxy resin	-	-
Mesh size	mm	66 x 66	-
Weave	-	Bidirezionale	-
Number of threads in warp and weft per m2/side	-	15 - 15	-
Average tensile load per single bar (T)	kN	3,63	EAD 340392-00-0104
Characteristic tensile load per single bar (T)	kN	3,02	
Average tensile load per single bar ($F_{u,mc}$)	kN	2,56	
Characteristic tensile load per single bar ($F_{u,mc}$)	kN	2,13	

5. TECHNICAL SPECIFICATION

Item	Description	Unit	Price
Dak.B.RET03.40660S/A	Supply and installation of GFRP (Glass Fiber Reinforced Polymer) preformed corner element, glass yarn bars and pultruded epoxy resin. Alkali-resistant Used for reinforcing masonry, vaults and floors for static and seismic upgrading of existing structures.	pc.	-