



REVOMAT

PRODUCT DESCRIPTION

REVOMAT is a fibreglass mesh which, thanks to high resistance to the alkalis contained in the cement, is not affected by oxidation and disaggregation.



PRODUCT APPLICATION

In combination with mortars and/or plasters to provide widespread partition of stresses.

ADVANTAGES

- Good flexibility to facilitate shaping for changes in direction
- Excellent durability, unalterable in damp and chemically aggressive environments
- High tensile strength (approximately 3 times greater than steel)
- It features a special anti-alkaline surface treatment (finish) which enhances the properties and provides dimensional stability
- Light and easy to handle, easy to cut
- Reduced footprint thanks to low thickness warp and weft crossings

PREPARATION AND APPLICATION Preparing the surfaces

Preventively position the CONNECTOR 20 by means of BI FIX 300 chemical fixing (see relevant technical data sheets).

Application

Apply a first layer of mortar between 1 and 2 cm, in any case equal to half the total thickness to be achieved, embed in REVOMAT while following the minimum limit of 10 cm in the overlaps and simultaneously secure it to the CONNECTORS 20.

Keep the mortar rough on the surface to promote adhesion of the next layer.

Then, between the end of setting and the beginning of hardening of the previous layer, apply a second layer of mortar to completely cover the mesh.



References available at www.volteco.com

PACKAGING AND STORAGE

REVOMAT is available in rolls of 30 m², with width of 100 cm and length of 30 m.



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WARNINGS - IMPORTANT NOTES Fill all of the gaps between mesh and wall thoroughly with mortar to ensure maximum compactness and adhesion.

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Description	Values
Composition	AR fibreglass (according to UNI EN 15422)	ca. 81%
Anti-alkaline finish		ca. 19%
Mesh dimension	Interasse ca. 38 x 38 mm	-
Weight (ISO 3374)	Finished mesh	315 g/m ² ±10%
Tensile strength of the finished mesh (ISO 4606)	Warp: Woof:	tensile strength at average value 70 kN/m tensile strength at average value 70 kN/m
Axial tensile strength E•A	Warp movement: Weft movement:	tensile strength at average value 2333 kN/m tensile strength at average value 2333 kN/m
Equivalent mesh thickness	Warp movement: Weft movement:	0.046 mm ±5% 0.046 mm ±5%

SAFETY Refer to the related Safety Data Sheet.

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