

MICRO ART REDE 90

GLASS FIBRE MESH FOR THIN COATINGS

DESCRIPTION

MICRO ART REDE 90 mesh is made of 100% glass fibre. Its manufacturing process, with double twist yarns, allows to considerably increase **MICRO ART REDE 90** mesh tensile strength, a key factor in reinforcing coatings.

The chemical treatment applied consists of an induction of resin by which the mesh is effectively protected against alkalis attack from the various coatings, such as concrete, synthetic binder coatings or Portland cement renderings.

1. FIELD OF USE

MICRO ART REDE 90 glass fibre meshes are widely used to improve the crack resistance of wall and floor coatings, both for being a reinforcement, causing the coating to work as a composite, and for their ability of tensile redistribution, reducing the effect of tensile concentration in any cracks in the base (bridge effect).

MICRO ART REDE 90 mesh considerably increases the cracking resistance of the coating, so that it more effectively meets its wall sealing function.

3. PRODUCT CHARACTERISTICS

GENERAL CHARACTERISTICS	VALUE
Yarn	100 % glass fibre
Rolls	1 m x 50 ml
Mesh aperture size	5,0 x 4,0 (±5 %)
Total weight of the fabric	86 g/ m ² (±5 %)
Elongation at break	4 %
Thickness	0,35 mm
Tensile strength	1000 N/50 mm (± 5 %)
Chemical resistance	Good resistance to alkalis according to DH

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4. APPLICATION

a) Application

MICRO ART REDE 90 mesh should always be incorporated in a coating layer, that is, applying a layer of mortar on the surface, laying the mesh so as to be slightly embedded and carry on to the second layer, completely covering the mesh. When applying the mesh, lateral overlap should be ensured between 1 m strips of at least 10 cm.

MICRO ART REDE 90 has also got good performance as reinforcement of thin coatings (2 to 5 mm thicknesses), namely in finish layers applied over existing bases, probably cracked, or, in general, where walls are ensured not to have surface cracks.

5. PACKAGING AND VALIDITY

Packaging

Rolls of 1 x 50 metres – **MICRO ART REDE 90** should be stored in a dry place, protected from sunlight and in an upright position.

Validity

Not applicable, provided that the original packaging and mesh conditions remain unchanged.

6. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- Handling this product does not require special care. However, it may cause irritation to more sensitive skins. In such cases, rinse abundantly with cold water and soap.

Being the conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.

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