Armoflex 160

TECHNOLOGICAL FIBRE-GLASS MESH, ALKALI-RESISTANT, TO BE USED AS A REINFORCEMENT IN THE IMPLEMENTATION OF CEMENTITIOUS SMOOTHING AND IN CONCRETE WATERPROOFING AND PROTECTION SYSTEMS WITH IDROLASTIC (A+B) AND IDROLASTIC MONOFLEX. FOR INDOORS AND OUTDOORS.

TECHNICAL DATA SHEET – REV. 01/2024

DESCRIPTION

ARMOFLEX 160 is a mesh made of glass fibres treated with a special primer that provides high alkali resistance. Once the layer in which it is placed has hardened, ARMOFLEX 160 forms a reinforcement that prevents the formation of cracks and also facilitates the application of the chosen product in a uniform thickness, improving the thermal and abrasion resistance of the system.

FIELDS OF APPLICATION

ARMOFLEX 160 can be used as reinforcement for:

- undertile waterproofing with IDROLASTIC (A+B) or IDROLASTIC MONOFLEX elastic cementitious membrane
- waterproofing protective smoothing on concrete structures with IDROLASTIC (A+B) elastic cementitious membrane
- smooth plasters reinforced with cement-based skim coatings from the RASOTECH line
- cementitious skim coats in thermal insulation systems using smoothing adhesives from the ISOTHERM line.

APPLICATION

ARMOFLEX 160 must be completely embedded in the thickness of the layer it is to reinforce. Apply the mesh over the still fresh layer of product, compressing it with the trowel so that it is embedded in the thickness of the product. Adjacent sheets of ARMOFLEX 160 must be overlapped along the edges to a thickness of at least 10 cm.

PACKAGING

ARMOFLEX 160 is supplied on a cardboard tube and wrapped with heat-sealed polythene, in 50 m^2 packs (mesh width 1 m; roll length 50 m).

SAFETY INSTRUCTIONS

ARMOFLEX 160 is an item and does not require the preparation of a safety data sheet. During use, it is recommended to wear protective gloves and goggles and to comply with the safety regulations in the workplace.

SPECIFICATIONS

Technological fibreglass mesh, alkali-resistant, such as **ARMOFLEX 160** by Colmef Srl, for reinforcing cementitious skim coats and waterproofing membranes, to be embedded between the first and second layers of the product, overlapping adjacent sheets by at least 10 cm

TECHNICAL DATA

Composition:	100% raw fibreglass mesh
Mesh width - spacing of each thread (mm):	4 x 4.5
Primer:	anti-alkaline
Percentage elongation (%):	longitudinal 4 - 5 transversal 4 - 5
No. of threads lengthwise (warp):	> No. 50 per dm (leno)
No. of threads crosswise (weft):	> no. 20 per dm
Raw mesh weight (g/m^2):	140 ± 5%
Weight of primed mesh (g/m^2):	155 ± 5%
Lengthwise tensile strength (N/5 cm):	approx. 1250
Crosswise tensile strength (N/5 cm):	approx. 1100

DATA DETECTION AT +23°C - 50% R.H. AND IN ABSENCE OF VENTILATION

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