DRIZORO® MESH (58 / 130 / 140)

GLASS FIBRE MESH FOR REINFORCEMENT OF COATINGS AND CEMENT MORTARS

DESCRIPTION

DRIZORO® MESH 58/130/140 is a range of alkali-resistant fibreglass meshes, suitable for reinforcing waterproof coatings, plaster mortars on façades or repair mortars on structures, to prevent cracking under stress and provide greater resistance to the system.

APPLICATION FIELDS

- ***DRIZORO® MESH 58***: Reinforcement of flexible waterproof coating; cement-based ***MAXSEAL® FLEX*** (Technical Bulletin No. 29), and acrylic-based ***MAXELASTIC®*** (Technical Bulletin No. 18).
- ***DRIZORO® MESH 130***: Reinforcement of rendering and plastering mortars: ***CONCRESEAL® PLASTERING*** (Technical Bulletin No. 6) and external thermal insulation composite systems ***CONCRESEAL® TH*** (Technical Bulletin No. 117).
- ***DRIZORO® MESH 140***: Reinforcement of rendering and plastering mortars: ***CONCRESEAL® TOP*** (Technical Bulletin No. 40) or other cement-based renders.
- Overlapping, reinforcement and bridging of cracks, corners, corner fillets, construction joints, penetration pipes and other critical points between different types of substrates.
- Improve mechanical characteristic of waterproof coatings exposed to thermal movements by weather conditions.
- Enhances highly the crack-bringing capability of waterproofing membranes.

ADVANTAGES

- Provides a continuous reinforcement that absorbs stress from the substrate and helps to avoid the formation of cracks by movements.
- Greatly improves the mechanical resistance of the coating, such as tensile strength and impact. Increases resistance to fatigue under repeated loads and ultimate stress before cracking.
- Improves the mechanical characteristics of waterproof coatings exposed to the elements, vibrations, movements and/or thermal expansion due to climatic cycles.
- Provides a better application of coating over smooth surfaces and non-porous substrates.
- Long durability and excellent chemical stability against to alkalis and UV-rays.
- Flexible, easy placement on irregular surfaces.
- Non-irritating on skin contact.

APPLICATIONS INSTRUCTIONS

Surface preparation
Surface damages and defects with a depth greater than 5 mm, such as cavities, chips, cracks, holes, etc., once opened and exposed to a minimum depth of 2 cm, must be repaired with a structural repair mortar such as ***MAXREST®*** (Technical Bulletin No. 2). Likewise, any irregularities that protrude from the substrate and could lead to air traps during the application of the waterproofing coating or mortar for plaster reinforced with mesh must be removed.

The joints between walls and slabs, pillars and slabs, etc., must be opened by making a hole of approximately 30 x 30 mm and then repaired with ***MAXREST®*** or ***MAXPLUG®*** (Technical Bulletins No. 2 and No. 4 respectively) if water is present, providing in any case a finish with a concave corner profile. Corners and edges must be rounded to a radius greater than 30 mm. Once the surface preparation is complete, the application procedure of reinforced waterproof coating or mortar can begin.

Mesh preparation
Using a scissor or utility cutter cut a fibre mesh strip to the specified length according to the drawing and work plan. Finally, pre-assemble them on the substrate before installation.

Application
Apply a first layer of the waterproof coating or mortar and while it is still fresh, place the glass fibre mesh strip onto the undercoat. Smooth down the mesh by running any suitable tool, i.e. brush, roller or trowel, from one end of the mesh to the other

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end, and firmly press across the glass fibre mesh. This will remove the air trapped between the mesh and to allow the coating to impregnate into the glass fibres. Make sure that mesh is completely embedded by the coating or mortar.

When connecting two glass-fibre mesh strips in the longitudinal direction or next to each other (side by side), the strips are recommended to overlap by at least 5 cm.
On joints and cracks, at least 10 cm of each edge should be covered with the mesh.
Observe the open time for materials to be reinforced and apply the second layer according with the respective Technical Bulletin.

IMPORTANT INDICATIONS

- Do not place the mesh directly on the substrate without any previous coating or mortar.
- For further information, consult our Technical Department.

PACKAGING

DRIZORO® MESH 58 is supplied in rolls of 1 m wide x 50 m length, 1 m wide x 100 m length, or 0,30 m wide x 500 m length.

DRIZORO® MESH 130 is supplied in rolls of 1 m wide x 50 m length, or 1 m wide x 100 m length.

DRIZORO® MESH 140 is supplied in rolls of 1 m wide x 50 m length, or 1 m wide x 100 m length.

STORAGE

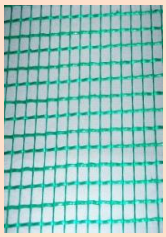
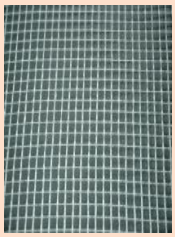
DRIZORO® 58/130/140 can be stored indefinitely in its original unopened packaging, in a dry and covered place, protected from sources of heat or direct exposure to direct sunlight at temperatures of 5°C to 40°C. It must be stored on vertical position.

SAFETY AND HEALTH

Safety Data Sheet of ***DRIZORO® 58/130/140*** is available by request. Disposal of the product and its empty packaging must be made by the final user and according to official regulations.

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TECHNICAL DATA

Characteristics	*DRIZORO® MESH 58*	*DRIZORO® MESH 130*	*DRIZORO® MESH 140*
Weave:	Plain	LENO	LENO
Colour:	White	Green/Blue	White
Thread, (Thread/cm), Wrap/Fill:	7,8 / 3,9	---	---
Weight, (g/m^2)	58	130 ± 5	140 ± 5
Thickness (mm):	---	0,5	0,5
Fibre density 25 mm, Warp /Fill	---	2,5 ±0,2 / 2,5 ±0,2	4 ±0,2 / 4 ±0,2
Tensile strength, (N/50 mm), EN ISO 13934-1			
- Wrap/Fill:	>650 / >650	>1.300 / >1.300	>900 / >1.100
Elongation at break, (%) EN ISO 13934-1:	3,8	4,0	4,0
DA strength, (N/5 cm), Wrap/Fill	---	160 / 220	---
Yarn (TEX), Warp/Fill	34 / 68	528 / 528	396 / 330
			

GUARANTEE

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