



DRIZORO[®] MESH

58 | 130 | 140

GLASS FIBRE MESH FOR REINFORCEMENT OF COATINGS AND CEMENT MORTARS

DESCRIPTION

DRIZORO[®] MESH 58/130/140 is an alkali-resistant glass fibre mesh especially designed for the reinforcement of waterproof coatings and cement-based mortar layers.

APPLICATION FIELDS

- **DRIZORO[®] MESH 58:** Reinforcement of flexible waterproof coating; cement-based **MAXSEAL[®] FLEX** (Technical Bulletin n° 29), acrylic-based **MAXELASTIC[®]** (Technical Bulletins n° 18) and **MAXSHEEN[®] ELASTIC** (Technical Bulletin n° 142), polyurethane-based **MAXELASTIC[®] PUR** (Technical Bulletin 172).
- **DRIZORO[®] MESH 130:** Reinforcement of rendering and plastering mortars: **CONCRESEAL[®] PLASTERING** (Technical Bulletin 117) and external thermal insulation composite systems **CONCRESEAL[®] TH** (Technical Bulletin 117).
- **DRIZORO[®] MESH 140:** Reinforcement of rendering and plastering mortars: **CONCRESEAL[®] TOP** (Technical Bulletin 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.
- 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

Grind any unevenness on the concrete surface. Corners and edges must be rounded to a radius greater than 30 mm. Any concavities, gaps or pinholes greater than 5 mm must be repaired by applying a repair mortar such as **MAXREST[®]** (Technical Bulletin 2). 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.

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 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.

TECHNICAL DATA

Characteristics	DRIZORO® MESH 58	DRIZORO® MESH 130	DRIZORO® MESH 140
Weave	Plain	LENO	LENO
Thread, (Thread/cm), Wrap/Fill	7,8 / 3,9	---	---
Weight, (g/m ²)	58	130 ± 5	140 ± 5
Thickness	---	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), Wrap/Fill	>650 / >650	>1.300 / >1.300	>900 / >1.100
Elongation at break, (%)	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

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®, S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.

PACKAGING

DRIZORO® MESH 58 is supplied in rolls of 1 m wide x 100 m length or 0,31 m x 500 m length.

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

DRIZORO® MESH 140 is supplied in rolls of 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. 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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