

TecnoFib Glass Net 340

GLASS FIBRE NET WITH ANTI-ALKALI TREATMENT

Description Fiberglass mesh with bidirectional balanced warp and anti-alkali treatment.

Advantages and characteristics The net in fiberglass TECNOFIB GLASS NET 340 is used in reinforcement systems, in combination with thixotropic mortar one and two-component mortars. The mechanical behaviour of reinforcement net TECNOFIB GLASS NET 340 is linear elastic up to break. The tolerated static load applied, shall be 1/3 of the tensile strength of the fibre. The fabric is alkali resistant.

- Indicated use**
- For anti-tilting systems for non-structural in seismic areas.
 - In systems for sealing of defects in walls with cracks.
 - For the reinforcement of masonry structures.
 - Reinforcement by embedding.
 - Restoration of vaults, arches, masonry constructions.

Method of use The application of the reinforcing mesh on masonry structures must be preceded by an adequate preparation and cleaning of the support, in order to eliminate the inconsistent or loose parts.

We recommend the application of fibre-glass with our thixotropic one or two-component with high adhesion and high deformation energy (such as the two-component mortar BS 38/39-2,5 MuCis® or one-component mortar BS 37 FPL LIGHT).

In the reinforced plasters, the network will be immersed in the first layer of mortar while still fresh, pushing so that the mortar can penetrate through the openings of the mesh. Next, apply a second coat of the same mortar.

For systems repairing of cracking, after opening and adequately cleaning of the crack and the surfaces primed, fill them with a two-component structural mortar. Then place the network and immerse the glass-fibre mesh with bi-directional warping on the structural mortar while still fresh. The amplitude of the mesh over the crack varies as a function of the existing crack and on the basis of the type of masonry.

Packaging Rolls of 100 linear meters, width 220 cm

- Technical characteristics (typical values)**
- Elongation till break: 3,5%
 - Tensile strength till break:
 - Warp : >3500 N/5cm
 - Weft : > 4600 N/5cm
 - Thickness: 0,95 mm
 - Weight of crude mesh: 320 gr/m²
 - Weight of starched mesh: 340 gr/m²
 - Mesh: 28x28 mm

Safety indications Read carefully the indications on the packaging, or consult the specific Material Safety Datasheet.

The above data are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product or for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website www.tecnochem.it where the most updated datasheets can be retrieved.