

## TecnoFib Glass Net G8

### REINFORCEMENT SYSTEM WITH GLASS FIBRE NET

**Description** Fiberglass mesh with bidirectional balanced warp.

**Advantages and characteristics** The mechanical performance of the reinforcement system Tecnofib Glass Net G8 shows a typical linear elastic behaviour till break. The tolerated static load applied, shall be 1/3 of the tensile strength of the fibre. The fabric is alkali resistant.

- Fields of 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
  - Reinforcement of concrete structures.

**Method of use** The application of the reinforcing mesh on structures in reinforced concrete must be preceded by a preparation of support by wire brushing or sandblasting to remove the loose and degraded parts. Followed next by a smoothening operation based on the use of thixotropic mortars. We recommend the application of the glass fibre net with a two-components thixotropic mortar with high adhesion (type BS 38/39-2, 5 MuCis®).  
In anti-tilt systems, the net will be embedded in the first layer of mortar while still fresh, pushing it in the mortar till the mortar penetrates through the mesh of the net. Then apply next a second layer of the same mortar.  
For system for the bonding on cracks and damages, open and adequately clean first the crack, and prime the surfaces. Next fill them with the same two-components structural mortar. Next place the net and position the fiberglass net with bidirectional warping in the structural mortar, still fresh. The width of the net over the crack varies in function of the crack pattern existing and based on the type of masonry.

**Packaging** Rolls of 50 linear meters, width 100 cm

**Technical characteristics (typical values)**

- Tensile strength : 60 kN/m
- Tensile elasticity modulus : 73 GPa
- Weight : 220 g/m<sup>2</sup>
- Mesh : 8,3 x 9,5 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](http://www.tecnochem.it) where the most updated datasheets can be retrieved.