

TecnoFib FIOCCO C 240

CARBON FIBRE CONNECTORS

Description Connectors realised with unidirectional carbon fibre filaments at high tenacity, enclosed in a net.

Advantages and characteristics Easy spreadable ends and adaptable to the fabric reinforcement.
Allows installation in one single operation to achieve efficient anchoring systems for elements in composite materials.
Can be cut to size.

Fields of use Principal applications:

- For the realisation of structural reinforcing anchoring with carbon fibre tissue or mesh on walls, vaults, cupolas, arches etc.
- For sealing defects in masonry

Method of use Apply the two-components epoxy adhesive TECNOEPO 701/UNIC primer by means of a syringe inside the hole previously made in the structure to be reinforced.
Take from the packaging the quantity of TECNOFIB FIOCCO C 240 necessary for the anchoring or the sealing reinforcement. Enrich the containment net of the strand in order to protrude the carbon fibre filaments.
Scatter the fibres impregnated with epoxy adhesive two-components TECNOEPO 701/UNIC. Enclose the new filaments in the net and insert the strand through the hole previously prepared in the structure, object of the reinforcement. Then open 360° the carbon fibre remaining outside the hole and glue onto the carbon fibre fabric or reinforcing mesh previously installed using TECNOEPO 701/UNIC, applied by roller.

Packaging Rolls of 10 linear meters

Technical Characteristics (typical values)

- Tensile strength: 4800 Mpa
- Tensile elasticity modulus: 240 GPa
- Deformation till break: 2%
- Density: 1,8 g/cm³
- Available diameters of the connectors: 6, 8, 10 or 12 mm

Safety indications Read carefully the safety indications on the packaging, or consult the relevant Material Safety Datasheet of this product.

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.

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