

## TecnoFib FIOCCO steel 162

### CONNECTOR IN FILAMENT OF HIGH STRENGTH CARBON STEEL

**Description** Connector made with filaments of high resistance carbon steel enclosed in a network.

**Advantages and characteristics** End-fraying and adaptable to the reinforcement. Allows installation in a single operation to achieve effective anchoring systems. Can be cut to size.

**Indicated use** Main applications:

- Creation of anchoring in structural reinforcement made with carbon- or glass fibre fabric or mesh, or steel mesh, made on walls, vaults, domes, arches;
- Repairs of cracks in masonry in general.

**Method of use** Apply inside the drill hole, previously prepared in the structure, object of the reinforcement, the two-component epoxy adhesive TECNOEPO 701/UNIC primer with the aid of a syringe.

Take from the package the necessary amount of TECNOFIB FIOCCO steel 162 to perform the anchoring or sealing. Curl the filament towards one end so as to protrude the steel filaments. Scatter the filaments and impregnate them with two-component epoxy adhesive TECNOEPO 701/UNIC. Enclose again the filaments in the network and insert the strand inside the hole. Subsequently open at 360° the filaments remained outside the hole and glue on the fabric or reinforcement mesh previously laid with the aid of TECNOEPO 701/UNIC, applied with by roller.

**Packaging** Rolls of 10 linear meters

**Technical characteristics (typical values)**

- Tension at break: 2800 N/mm<sup>2</sup>
- Tensile modulus of elasticity: 162 GPa
- Deformation at break: 1,78%
- Density: 7,85 g/cm<sup>3</sup>
- Diameters available for these connectors: 6, 8, 10 o 12 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.