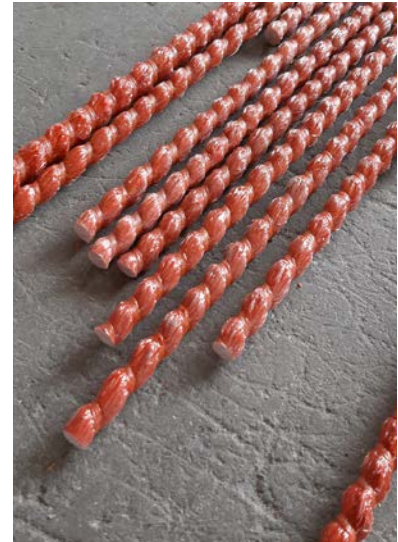


TCS REBAR G

TCS REBAR G is a pultruded glass fibre and epoxy resin bar. The connector has an improved adhesion.

- Restoration
- Resistant
- Versatile
- Highly Adhesive
- Quick
- Light
- Easy
- Pollution Resistant
- Consolidating Treatment



Fields of Application

TCS REBAR G can be used instead of classical steel bars as reinforcement for concrete in applications where aggressive environments would lead to rapid degradation of the reinforcing iron or where electromagnetic transparency is needed. TCS REBAR G can be used as a connector in building restoration and renovation.

Application

TCS REBAR G can be used as a reinforcement. When used as a connector it can be applied with Elantech MC256/W256 organic epoxy matrix, B-STRUCTURA INIEZIONE OPUS or standard and/or inorganic cement matrices.

Warnings

- Product for professional use.
- Do not modify the product.
- Store the product in a dry place, in the original unopened packaging.
- Consult safety data sheet before using the product.
- The data given correspond to the technical and applicative knowledge in our possession for an appropriate use of the product. We therefore recommend carrying out a prior practical test in order to check the suitability of the product for its intended use and consumption.
- Protect surfaces from atmospheric phenomena, sun, wind, rain and frost.
- Since our company is not the executor of the works and cannot directly intervene on site conditions and the methods of execution of the works, the indications given are to be considered indicative and general, and therefore not binding for the same.
- The company reserves the right to make any changes it deems necessary at any time and without prior notice.
- For further information and practical product demonstrations, please consult our technical service.
- Always refer to the latest versions of the technical data sheets available at www.tcs-srl.it.

Technical Data

PRODUCT TYPE: GFRP Glass Fibre Bar with improved adhesion

TYPE OF FIBER: Glass E

TYPE OF RESIN: Thermosetting epoxy

FIBRE RESISTANT AREA: 10 mm 82.30 mm²

DEFORMATION AT BREAK: Variable according to diameter

ELASTIC MODUL OF THE FRP BAR, E_f : Variable according to diameter

ELASTIC MODUL OF THE FIBER: > 70 GPa

FIBRE DENSITY: 2.62 g/cm³

MECHANICAL TESSILE STRENGHT RESISTANCE: Variable according to diameter

MECHANICAL SHEAR RESISTANCE, T-: Variable according to diameter

LENGHT: from 1 m to 6 m bar

PACKAGING: 20 pz

STORAGE: In the original packaging in a dry place