

Tecnobolt® GLASS "L"

BENDED GLASS FIBRE BAR FOR THE REALIZATION OF MECHANICAL CONNECTION IN THE HFE-TEC® SYSTEM FOR MASONRY OR ANCHORING IN GENERAL.

Description Fiberglass rod "bent in L" coated with a layer of quartz and resin.

Advantages and characteristics

- Mechanical behaviour of linear elastic type up to failure;
- Excellent mechanical properties;
- No corrosion;
- Excellent resistance to freeze / thaw cycles;
- Light weight, easy manageability in the jobsite, can be cut to size.

Indicated use

- Dowelling in general;
- Anchoring on masonry structures;
- Mechanical connection of the systems **HFE-tec® MURATURA** with net **TECNOFIB GLASS NET 340** for the realization of reinforced renders.

Method use In the case of generic dowelling, drill holes in the substrate of appropriate depth, a few millimetres larger than the diameter of the bar and secure the glassfibre rod, depending on the specific needs and convenience of use, with epoxy resin (type TECNOEPO 400, TECNOEPO 701, TECNOEPO 700 PRIMER), or chemical anchors (type TECNOPOL) or grout / mortar based on hydraulic binders (BS 40 INJECTION, LIME INJECTION 9000, BS 91 ANCORA).

Technical characteristics (typical values)	• External diameter	8 mm±1mm
	• Density:	1,9 g/cm ³
	• Glass fibre content:	≅ 70%
	• Tensile strength :	≅ 1000 MPa
	• Tensile modulus of elasticity :	≅ 40 GPa
	• Maximal tensile load:	≅ 5.0 tons

N.B.: Experimental tests demonstrate the achievement of high values at break even at the fold area (Ultimate Load at the "weaker section" about 60% of the ultimate tensile load shown in the table above)



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.