

# Tecnobolt<sup>®</sup> GLASS

## GLASS FIBRE ROD

**Description** Glass fibre rod coated with a layer of quartz and resin.

**Advantages and Characteristics**

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

**Indicated use** Main applications:

- Connection and reinforcement in general;
- Repair of cracks on masonry and masonry arches;

**Method of use** In the case of generic installation of extra reinforcement stubs, drill holes in the support of a few millimetres larger than the diameter of the bar and to an appropriate depth and secure them with epoxy resin, cement grout or cement mortar.

For other applications, the methods of intervention should be studied on the specific project.

**Packaging** In continues bar of 6 m long; other dimensions on request.

**Technical characteristic (typical values)**

TYPE (standard)	DIAMETER (mm)	ULTIMATE TENSILE STRENGTH (MPa)	MODULUS OF ELASTICITY (GPa)	ELONGATION TILL BREAK* %
Tecnobolt 12-40	12	1000	40	>2,0

\*approximate values

**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.