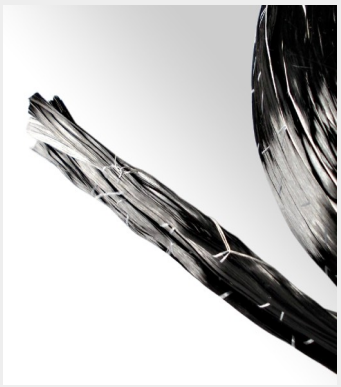


Kimitech FIOCCO CB

ST4-0221

Carbon fibre connector for anchoring

DESCRIPTION

Kimitech FIOCCO CB is a structural element composed of non-impregnated unidirectional carbon fibre; it is used in construction industry, for existing or new buildings, for nailing and micro-stitches.
Kimitech FIOCCO CB is in strips of widths and weights able to guarantee the same amount of carbon present in the nominal reference section, to be rolled on itself or around a rigid metal, plastic or pultruded core (solid or with cavity).
Kimitech FIOCCO CB is not affected by stray currents and electromagnetic fields and has a very high resistance to corrosion.
The impregnation and anchoring of Kimitech **FIOCCO CB** will be made using **Kimitech EP-IN** epoxy resin.

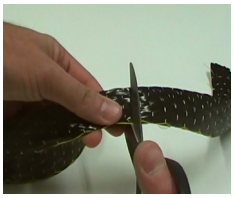
USES

- Realization of nailing and micro-stitching.
- Anchoring for reconstruction of wooden beams.
- Anchoring on masonry and concrete works.

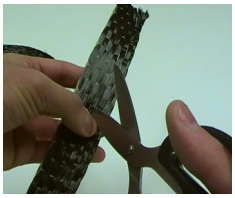
WORKS

- Application of carbon fiber or glass connectors (**SA111**).

APPLICATION



Step 1: Cut the connector



Step 2: Cut at the end of polypropylene weft

Step 3: Unravel the ends of the connector

Step 4: Impregnation

Step 5: Longitudinal rolling of the belt

Step 6: connector before the insertion

PACKAGING

Rolls 10 metri.
Diametres: 8, 10, 12 mm

Characteristics	Typical value
Specific weight	1,85 kg/dm³
Color	Black
Fibre content	100,00%
Non impregnated wire	Deformation at failure : 2% Elastic modulus: 230 GPa Tensile strength: 4830 MPa
Impregnated yarn* * data strongly influenced by the accuracy of impregnation	Deformation at failure: 0,74% Elastic modulus: 215 Gpa Tensile strength: 1590 MPa
Weight per linear meter according to the desired diameter	Ø 8 mm: 24 g/m Ø 10 mm: 38 g/m Ø 12 mm: 56 g/m
Equivalent area	Ø 8 mm: 21,24 mm² Ø 10 mm: 26,79 mm² Ø 12 mm: 31,40 mm²

STORAGE
The product fears moisture, store in tightly closed containers, in a sheltered and dry place. In these conditions it mantains its stability for 24 months.

WARNING
Product intended for professional use.
All technical data shown in this Technical Data Sheet are based on laboratory tests. Actual measurement data may vary due to circumstances beyond our control. The information and requirements indicated in this Technical Data Sheet are based on our current knowledge and experience and are to be considered, in any case, purely indicative. They cannot guarantee the final result of the applied product and they have to be confirmed by exhaustive practical applications; therefore the user must test the suitability of the product for the intended application and its purpose. Users must always refer to the latest version of the local technical data sheet related to the product.