

## Kimitech FIOCCO VR

ST4-0221

*Glass fibre connector for anchoring*



### DESCRIPTION

**Kimitech FIOCCO VR** is a structural element with a circular section composed of non-impregnated glass fibers; it is used in building, both new and historical-monumental, for the realization of nailing and microstitching.

**Kimitech FIOCCO VR** is produced in the form of strips of widths and weights to guarantee the same amount of fiberglass 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 VR** is not affected by stray currents and electromagnetic fields and has a very high resistance to corrosion.

The impregnation and anchoring of **Kimitech FIOCCO VR** must take place using **Kimitech EP-IN** epoxy resin.

### USES

- Realization of nailing and micro-stitching
- Anchors for reconstruction of wooden beams
- Anchors 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

Roll 10 meters  
Diametres: 10, 12 mm

Characteristics	Typical value
Specific weight	2,6 kg/dm <sup>3</sup>
Color	White
Fibre content	100,00%
Non impregnated wire	Deformation at failure: 2,62% Elastic modulus: 81 GPa Tensile strength: 2560 MPa
Impregnated yarn* * data strongly influenced by the accuracy of impregnation	Deformation at failure: 1,35% Elastic modulus: 71 Gpa Tensile strength: 959 MPa
Weight per linear meter according to the desired diameter	Ø 10 mm: 67 g/m Ø 12 mm: 96 g/m
Equivalent area	Ø 10 mm: 27,58 mm <sup>2</sup> Ø 12 mm: 32,69 mm <sup>2</sup>

## **STORAGE**

The product fears moisture, store in tightly closed containers, in a sheltered and dry place. In these conditions its stability is endless.

## **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.