

WIRAND® FIBRE FF3

DESCRIPTION:

Cold drawn steel wire fibre, for concrete reinforcement

TYPE:

WIRAND® FF3

NOMINAL

DIMENSIONS:

- Diameter D: 0.75 mm
- Length L: 50 mm
- Aspect ratio L/D: 67
- Units/Kg: 5700

MECHANICAL PROPERTIES

R_m (Tensile strength of the wire): > 1100 MPa

Δl (ultimate strain) < 4%

SHAPE

The double end hooks of WIRAND® FF3 fibres ensure perfect anchorage in concrete.

APPLICATION FIELDS

- Jointless floors
- Precast concrete
- Industrial floors

REFERENCE STANDARDS

- UNI-EN 10016 "Non-alloy steel rod for drawing and/or cold rolling—Part 1: General requirements"
- UNI EN 10218-1: 1995 - Steel wire and wire products - General – Part 1: Test methods;
- UNI 11037: 2003 – Fibre d'acciaio da impiegare nel confezionamento di conglomerato cementizio rinforzato;
- UNI 11039: 2003 – Steel fibre-reinforced concrete—Part 1: definitions, classifications, specifics and conformity; Part II: Test method used to determine the early crack strength and ductility indexes;
- UNI EN 14845-2:2007 - Test method for fibres concrete—Part II: Effect on concrete;
- EN 14889-1: 2006 - Fibres for concrete — Part 1: Steel fibres — Definition, specifications and conformity;
- ASTM A820: 2001 - "Standard Specification for Steel Fibers for Fiber-Reinforced Concrete;
- CNR – DT 204/2006 – Istruzioni per la progettazione, l'Esecuzione ed il Controllo di Strutture di Calcestruzzo Fibrorinforzato;
- RILEM, 2001 - "Test and design methods for steel fibre reinforced: uniaxial tension test for steel fibre reinforced concrete", RILEM TC 162-TDF Recommendations, Materials and Structures.

PACKAGING

WIRAND® FF3 fibre are delivered in big bags of 600, 750, 950 kg or in carton boxes of 20 kg.

STORAGE

Preserve the pallets from atmospheric corrosion.

RECOMMENDATION

For a correct waste disposal of packaging material, please follow the indications stated on European Directives and on National Laws.

The producer, for his optimisation and improving process of the product's technical characteristics, has the faculty to modify the standards and the characteristics of the product without any pre-advice. All the information are given in base to our experience; in any case no responsibility for an incorrect use could be referred to the producer or one of his distributors.



Fig. 1

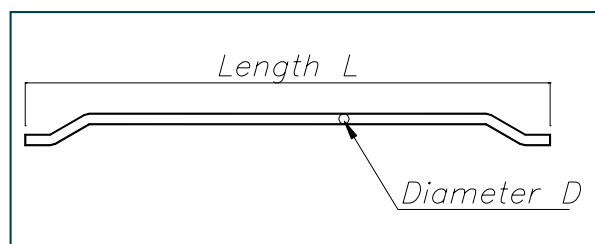


Fig. 2



Fig. 3



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SINCERT's and UKAS' s accreditation.