MasterBrace® CON

Carbon fibre cord for the structural connections of MasterBrace FIB (Fiber Reinforced Polymer) system

DESCRIPTION

MasterBrace CON is a fibre anchor consisting of uni-directional carbon fibres held together with a gauze. It is impregnated with structural resins **MasterBrace SAT 4500**.

MasterBrace CON is used to perform structural connections between existing structures and reinforcements implemented with CFRP fabrics or meshes.

FIELDS OF APPLICATION

It is used for the anchoring and transferring of stresses from the reinforcement surface (for eg with **MasterBrace FIB**) and the reinforced structure.

FEATURES AND BENEFITS

- Extreme light-weight.
- Excellent durability towards all aggressive chemicals in concrete such as alkali hydroxide, chlorides and sulphates.
- Excellent adhesion to resin or expansive cement substrates
- It can be used as a near-surface mounted strengthening system.

PACKAGING

MasterBrace CON is supplied in 10 meter rolls.

TYPICAL PROPERTIES*

Typical Dry Fibre properties	MasterBrace CON 100 CFS	MasterBrace CON 120 CFS
Diameter	10mm	12mm
Weight	45g/m	50g/m
Fibre cross section	25mm²	30mm²
Modulus of Elasticity	250GPa	
Elongation at break	>1.6%	
Tensile strength	4500MPa	
Fibre density	1.82g/cm³	

APPLICATION

Please refer to the method statement or contact BASF Technical Services department.

STORAGE

Store in a cool, dry place indoors (5-30°C) away from direct contact with sunlight, fire or naked flames.

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NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the BASF-Group in many countries.

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