

STRUCT GUARD- CARBON
(Unidirectional Carbon Fiber Sheet) UD-930

Description:

STRUCT GUARD – CARBON is a carbon fiber used for structural strengthening of beam, column applicable with STRUCT GUARD- PRIMER and STRUCT GUARD- SATURANT.

Technical Data:

Typical Dry Fiber Properties:	
Property	Typical Test Value
Tensile Strength	Min. 5000 MPa
Tensile Modulus	250 Gpa
Ultimate Elongation %	2.5 %
Density	900 gm/m ²

Product Composition:

Fabric Type	UD 900
Carbon in 0 deg (GSM)	930
Dry Thickness (mm)	0.93
Roll Width (mm)	500
Roll Length (m)	50-100

Typical Fabric properties in a composite:

Description	Test Method	Value
Tensile Strength	ASTM D 3039	3000 Mpa
Tensile Modulus	ASTM D 3039	230 GPa

Constro Chem India Pvt Ltd

201, Shrusthi tower, Near Parsik Janta bank, Kalwa Naka, Thane (West), Maharashtra -400 605.
Mobile: +91-9323244244 Email: sales@constrochemindia.com

(Unidirectional Carbon Fiber Sheet) UD-930

Application:

- Beams
- Chimneys
- Columns
- Slabs
- Structural connections
- Tanks
- Flat slabs and walls can also be strengthened by wrapping with carbon fibre additional

Advantages:

- Enhanced load carrying capacity
- Increases service life and durability
- Reducing the need of further maintenance and repair work.
Carbon fibre wrapping provides significant strength and protects against further corrosion and erosion.

Storage :

Store in undamaged, original sealed packaging, in dry conditions.

Safety Precautions:

Avoid contact with the eyes and skin. In case of direct contact and irritation, the skin should be washed off immediately with soap and warm water.

Constro Chem India Pvt Ltd

201, Shrusthi tower, Near Parsik Janta bank, Kalwa Naka, Thane (West), Maharashtra -400 605.
Mobile: +91-9323244244 Email: sales@constrochemindia.com