



VX CarbonMaster Anchor is a Carbon Fiber Anchor manufactured using Uni-Directional Carbon fiber tows held together. The anchor has fixed dowel and loose fiber fan. Dowel and fan dimensions can be customized as per requirement.

USES

- Anchoring of Carbon and Glass Fabric to concrete or masonry.
- Connecting Carbon and Glass Fabrics to concrete or masonry.
- Flexible NSM strengthening applications.

ADVANTAGES

- Easy to transport and install.
- High strength & Stiffness to weight ratio.
- Cost effective.
- Corrosion resistant.
- Improved long term durability.
- Low Self Weight.

FIBER PROPERTIES

Characteristic	Unit	Value
Density	g/cm^3	1.8 min.
Filament Diameter	μm	7 nominal
Tensile Strength	MPa	4900 min.
Tensile Modulus	GPa	240 min.
Elongation	%	2.1 max.
Sizing	-	Epoxy Compatible

Sizing

Disclaimer. The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual size conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.





DETAILS of ANCHOR

Property	Unit	Specification	Tolerance
Total Length	mm	280	± 10
Dowel Length	mm	95	± 5
Dowel Diameter	mm	9.5	± 0.5
Fan Length	mm	180	± 10

STORAGE

It should be stored in its original packaging in a dry and cool place. Best conditions are at temperature from 10 to 35°C and humidity between 35 and 85%.

SHELF LIFE

36 months from date of production when stored in proper storage conditions

HANDLING

Use hand gloves, masks and protective glasses.

Please refer to our Material Safety Data Sheets before use for complete details

Carbon fibers are electrically conductive

DISPOSAL

Dispose by incineration or as per local regulations.

