

CONSTRUCTION RETROFITTING REHABILITATION UP GRADATION

Today's construction Industry demands materials that ensure Safety, reliability and Durability. The construction Industry faces a challenge to ensure not only performance but also to ensure quality, safety and aesthetics.

Protect, Repair and Improve have become the buzzwords in an Industry faced with the challenge of providing solutions to the structures that affect people's lives and their livelihoods. Bridges, Buildings, Roads, Schools are all today in dire need of repair solution that is not only fast and strong but also safe and durable.

At HCS, we are in the business of providing materials solutions to ensure that these structures last. We provide Products and Services to protect, strengthen and maintain these structures inside out.



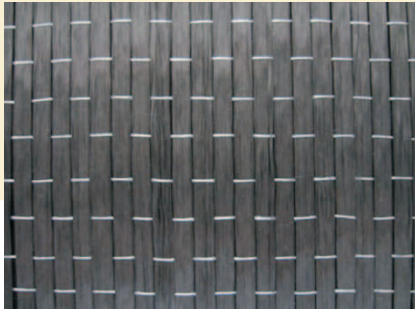
HCS Products for Infrastructure Includes

- Uni Directional (UD) and Woven Carbon, Glass, Aramid Fabrics
- Epoxy Saturant 2 Part Epoxy Hand Laminating resin system
- Precured Carbon and Glass Laminates
- Carbon and Glass Fibre Anchor's
- Other consumables such as Putty and Adhesive



Carbon UD Fabric -HinFab

- 1200 MPa Tensile
- 100 GPa Tensile Mod
- 850 MPa Comp
- 105 GPa Comp Mod
- ACI Approved



Epoxy Saturant -HinPoxy

- Gel Time - 120min at 30C
- Cure time - 24 Hrs at 24C
- Impact Strength - 70Mpa
- Viscosity 9000 - 12000 mPas
- Mixing Ratio - 100:30



Carbon Pultruded Plates - HinLam

- >2200 Tensile Strength
- >155 GPa Tensile Modulus
- >1500 Mpa compression strength
- Available in custom lengths and thickness.



HinAnc

Carbon Fibre Anchors are an effective means to delay or halt the propagation of deboning in an FRP strengthened structure. The Carbon Fibre Anchor is a collection of bundled carbon fibre strands. Needless to say, Hindoostan Technical has ventured into the same to produce the HinArc Carbon Anchors in the required lengths.