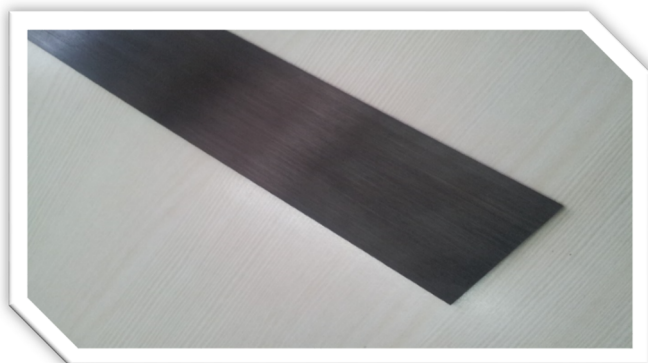


CARBON FIBRE STRIPS/LAMINATES

Aeron offers Carbon fibre Strips/Laminates which are pultruded plates consisting out of unidirectional stretched carbon fibres in an epoxy resin matrix. The use of these material has distinct advantages over the use of conventional steel plate and provides a unique freedom of design. CFRP Strips are used for the structural strengthening of concrete, wood and steel. The strip/laminate does not need any cleaning before applying epoxy adhesive which saves the time during the installation.



Advantages

- ✚ Light Weight
- ✚ Low application thickness
- ✚ Very High Strength
- ✚ High modulus of elasticity
- ✚ Corrosion Resistance
- ✚ Excellent fatigue behaviour
- ✚ Economic Application

Applications

- ✚ Repair and Renovation of Structure
- ✚ Location change of a Structure
- ✚ Structural repairs of beams of Bridges, Car Parking Structure, Industrial buildings
- ✚ Structural repairs of walls of Buildings, Tanks, Elevator Shafts, Water Tanks, Canals
- ✚ Earthquake Protection
- ✚ Application in Channels, Tunnels and Pipes
- ✚ Reinforcement of Chimneys
- ✚ Reinforcement of floors of Industrial Buildings, Concrete Floors, Bridge Decks, Car Parking
- ✚ Wind Energy (as the structural member of the turbine blade)

Properties

Tests	Results
Tensile Strength	280.00 Ksi
Tensile Modulus	18.00 Msi
Flexural Strength	320.00 Ksi
Flexural Modulus	17.00 Msi
Carbon Content	>65 %

Sizes

Product Code	Width	Thickness
ARCFSTRP50	50mm	1.4mm
ARCFSTRP80	80mm	1.4mm
ARCFSTRP100	100mm	1.4mm
ARCFSTRP150	150mm	1.4mm

Packaging

Aeron CFRP Strips/Laminates are supplied in standard rolls of 100 meters or can be cut to size. Rolls with special dimensions can be supplied upon request.

All information supplied is believed to be reliable. No warranty is expressed or implied by this information.

AERON COMPOSITE PVT. LTD.

496/P, Tajpur Road, Sarkhej Bawla Highway, Changodar, Tal. Sanand,

Dist. Ahmedabad - 382213 Gujarat, INDIA. **T:** 079-65258500 **W:** www.aeroncomposite.com