

FRP STRUCTURAL PRODUCTS

- Corrosion Resistance
- Long Life
- Non Conductive



Satyam composites Make FRP Structural Products include all the shapes including I-Section, H-Section, CChannel, Equal Angle, Unequal Angle, T-Section, Y-Section, Flat Plate, Flat Strip and Flat Strip Chamfered.

Other profiles are Round Tube, Corrugated Round Tube, Square Tube, Rectangular Tube, Solid Round Rod, Solid Square Rod, Deck (with reinforced ribs under), Floor Plate, Kick Plate, Stair Nosing, Round Hand railing, Square Hand railing, Handrail Cover (to fit over square or rectangular tube), Cat Ladder, Water Grating, Round and Square Manhole Covers. Satyam composites make FRP Structural Products are generally manufactured of vinyl ester resin and glass roving using the pultrusion process (see below) that produces consistent, reliable quality and maximizes glass fiber reinforcement. Isophthalic polyester and other resin types on request.

Satyam composites FRP Structural Products have a Class 1 fire retardance with an ASTM E-84 flame spread rating of 25 or less.

The advantages of FRP Structural Products are:

- High strength
- Long life
- Low maintenance
- Chemical resistant
- Corrosion resistant
- Lightweight
- Easily assembled
- Dimensionally stable
- Fire resistant
- R. F. transparent
- Non-Conductive (Electrical)
- Non-Conductive (Non-Magnetic)

Our FRP Structural Products have a multiplicity of uses including:

- Primary building structures
- Wall columns
- Tank cover beams
- Cooling tower structures
- Cable management systems

Satyam composites make FRP Structural Products deliver significant end-user benefits of outstanding corrosion resistance and ease of use, resulting in substantial life-cycle cost savings.



Cooling Tower Application

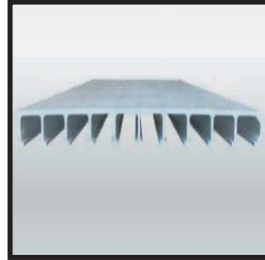
FRP STRUCTURAL PRODUCTS



I-SECTION



Round Tube



Deck Panel



H-SECTION



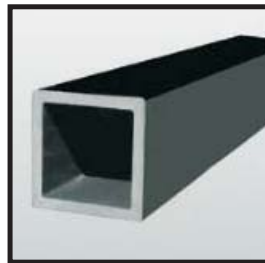
Corrugated Round Tube



Equal Angle



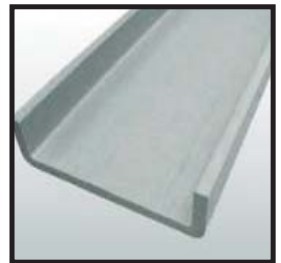
T-Section



Square Tube



Unequal Angle



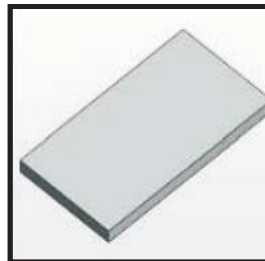
C-Channel



Rectangular Tube



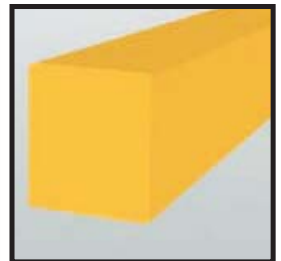
Y-Section



Flat Bar



Solid Round Rod



Solid Square Rod

Note: We can also manufacture structural products according to customers requirement.

Typical of Pultruded Profiles

Structural shapes of FRP pultruded profiles are mainly **FRP Angle, Square Tube, Round Tube, I-BeAM, Wild Flange, Beams, Y-Angle, U-Channel, Solid Rod, Kick Plate, Deck Plate.** etc. We are available in wide range sizes with countless profiles molds.

