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### What is GRC / GFRC :

Glass Reinforced Concrete is known as GRC. The most commonly adopted manufacturing processes Hand Spray. GRC is a mixture of by Silica Sand + White Cement + Fine aggregate + Chemical admixtures + Alkali resistant Glass Fiber +Water.

### What is GRP :

Glass Fibre Reinforced Plastic is a material which today is making a significant contribution to the economies, technology and aesthetics of the construction industry worldwide. It can be used as a good thermal insulator as well as fire retarder.

### MANUFACTURING METHOD

Glass Reinforced Concrete (GRC) or Glass Fibre Reinforced Concrete (GFRC) is generally manufactured by either "Spray process or Premix" Vibration casting process. The method chosen is normally dictated by factors such as strength requirements, size of mould, architects specification, etc.

### USAGES :

1. Cladding panels, Fascia panels
2. Screens, Decorative panels
3. Cornice, Coping, Brackets
4. Window and Door surrounds
5. Domes
6. Column cladding, pedestal, capitals & base
7. Arches
8. Railing, Balustrades, Benches
9. Pergolas, Gazebo, Planters, Constellations, Ceiling, Claddings, A/c Covers, Fountains, Signage Boards, Inside Architectural components, Arch panels & Other custom made products.

### ADVANTAGES :

1. Excellent corrosion resistance to a wide range of acids, caustics, Chlorides, solvents and oxidizers.
2. Considerable savings in weight, against equivalent metal
3. Requires no cathodic protection
4. Very high strength to weight ratio.
5. Simple and effective jointing - lower installation costs.
6. Non - conductive - Electrically conductive as required.
7. Wide range of temperature - cryogenic to 350°F.
8. Fine internal finish providing excellent flow characteristics.
9. High fire resistance, as required.
10. Maintenance free.

