



GLASS REINFORCED PLASTIC

Category: Construction & Real Estate

Subcategory: Other Construction & Real Estate

Exporter: [TERRAZZO LTD.](#)

HS Code:

Product Description:

The GRP Division of Terrazzo in Al Quoz Industrial Area in Dubai with the manufacturing facility of 1850 Metric Tonnes covering an area of over 150,000 square feet is one of the best GRP plant in the UAE.

Glass Fibre Reinforced Plastic, popularly known as GRP or FRP is a [composite material](#) made of a [polymer](#) matrix reinforced with fibers. The fibers are usually [glass](#), [carbon](#), [basalt](#). The polymer is usually an [epoxy](#), [vinyl ester](#) or [polyester thermosetting plastic](#). The most commonly adopted manufacturing processes are Hand Layup and filament winding.

By reinforcing the plastic matrix, a wide variety of physical strengths and properties can be designed into GRP composites. Additionally the type and configuration of the reinforcement can be selected, along with the type of plastic and additives within the matrix. These variations allow an incredible range of strength and physical properties to be obtained. GRP composites can be developed specifically for the performance required versus traditional material: wood, metal, ceramic etc.

Glass Fibre Reinforced Plastic - GRP is a material which today is making a significant contribution to the economies, technology and aesthetics of the chemical, aerospace, automotive, marine, and construction industries worldwide.

