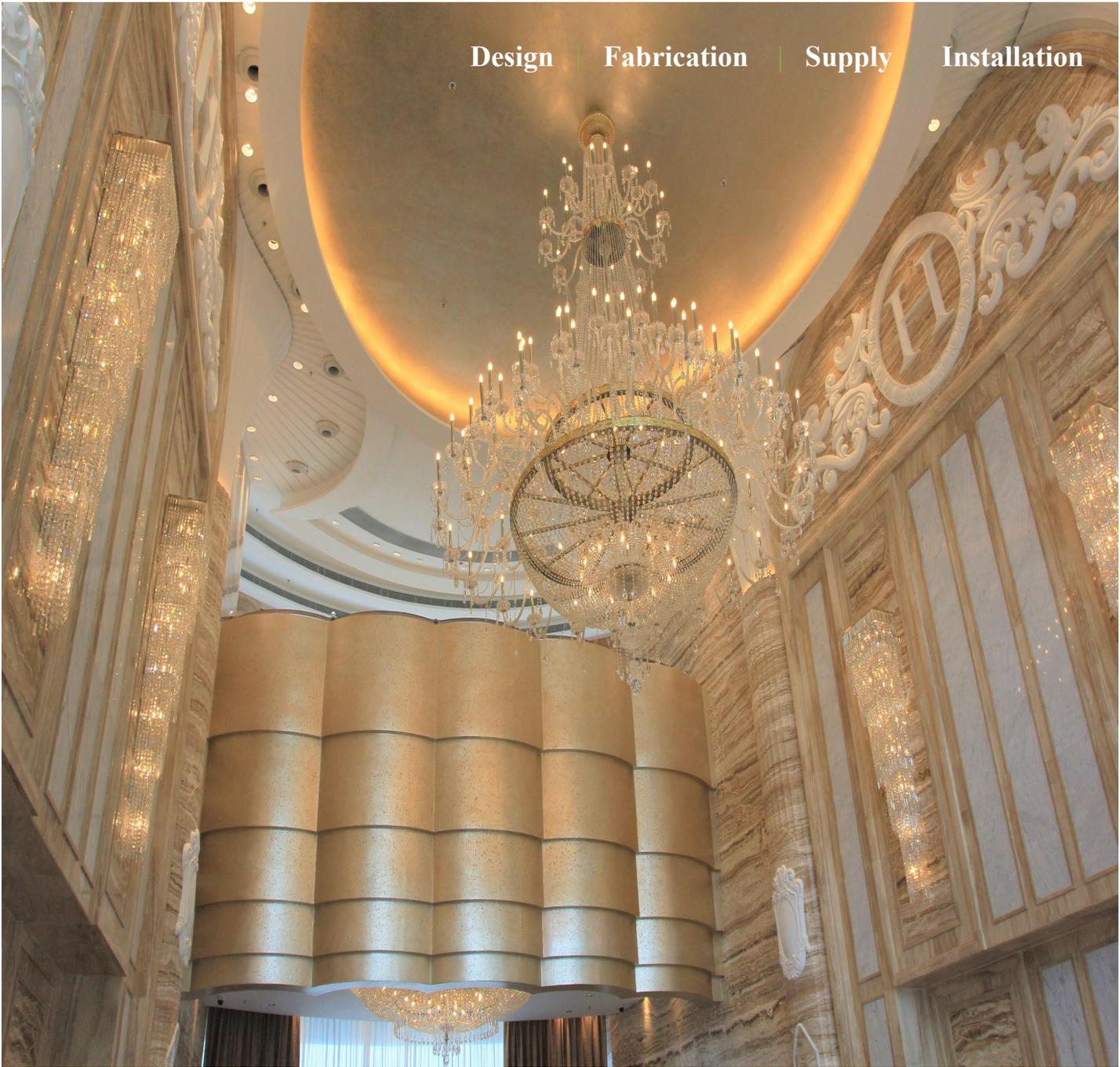


# Green-fom®

GRC | GRG | GRP

Design | Fabrication | Supply | Installation



STAR BEAT  
DRYWALL & CEILING SYSTEMS

Green-fom®

## ABOUT US

With years of experience, as a GRC, GRG and GRP manufacturer and contractor, our brand Green-fom offers a wide range of decorative products, such as:

Glass reinforced concrete (GRC)

Glass reinforced gypsum (GRG)

Glass reinforced plastic (GRP)

From manufacturing to installation, we deliver complete services that include design, fabrication, supply, and installation. Our professional team is always on-hand to advise on the most suitable product and installation technique for your project, ensuring every available option is offered.

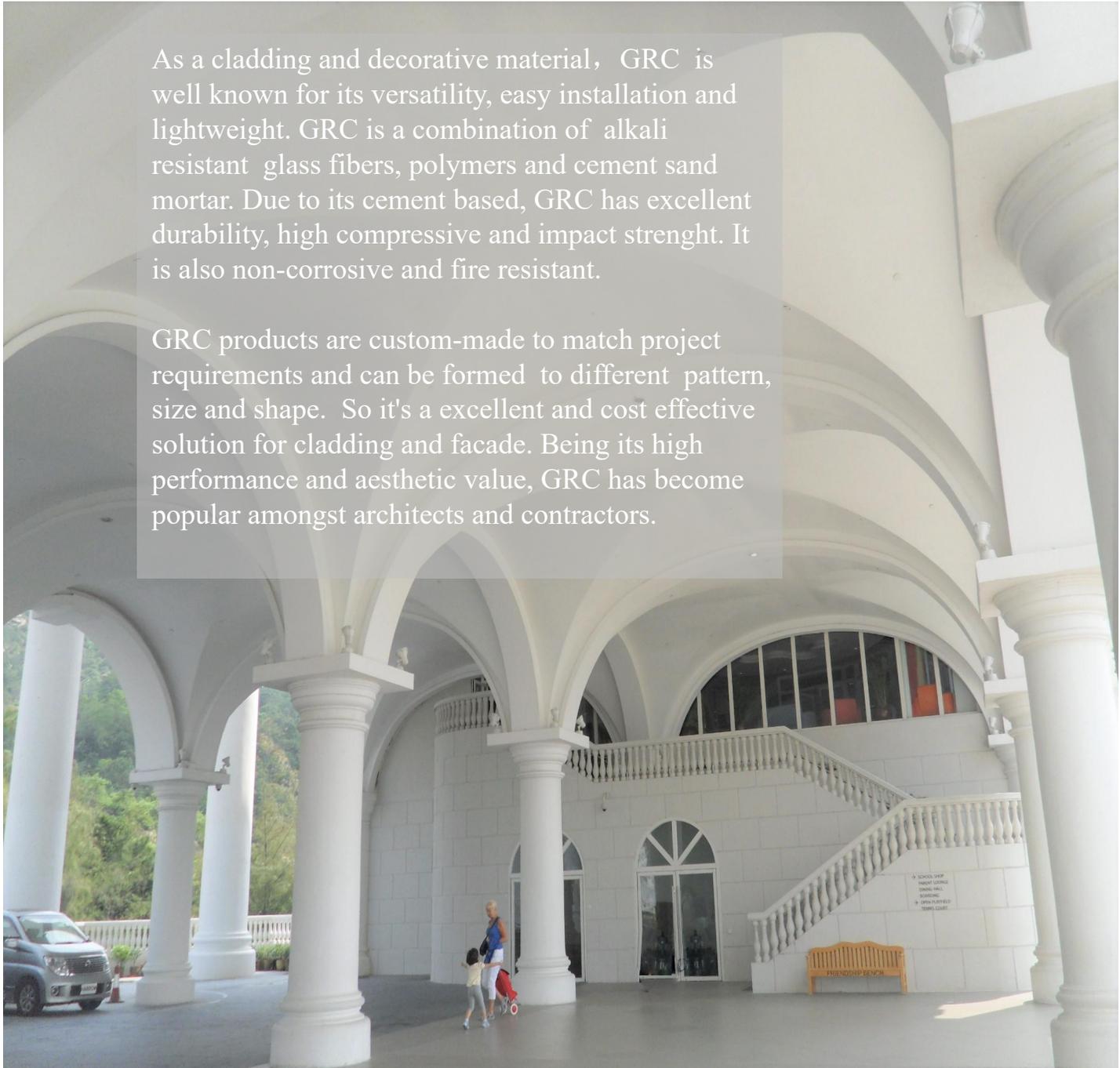
All our products are manufactured to high standards and supported by professional service.

**Green-fom®**

## GLASS REINFORCED CONCRETE (GRC)

As a cladding and decorative material, GRC is well known for its versatility, easy installation and lightweight. GRC is a combination of alkali resistant glass fibers, polymers and cement sand mortar. Due to its cement based, GRC has excellent durability, high compressive and impact strength. It is also non-corrosive and fire resistant.

GRC products are custom-made to match project requirements and can be formed to different patterns, sizes and shapes. So it's an excellent and cost-effective solution for cladding and facade. Due to its high performance and aesthetic value, GRC has become popular amongst architects and contractors.



**Green-fom®**

# GLASS REINFORCED CONCRETE (GRC)

## CHARACTERISTICS

Easy mouldability to architectural forms and shapes

High strength

Wide performance range

High resistance to impact

Resistance to corrosion

Heat and sound insulation



**Green-fom<sup>®</sup>**

# GLASS REINFORCED CONCRETE (GRC)

## APPLICATIONS

Bases

Boundary Walls

Cladding Panels

Column & Capitals

Decorative Screens

Kiosks

Planters



**Green-fom<sup>®</sup>**

## GLASS REINFORCED GYPSUM (GRG)

Glass Reinforced Gypsum (GRG) consists mainly of ultra-fine alpha gypsum and glass fiber reinforcement. GRG is a molded product with a high-strength to weight ratio that is used in construction to replace the vanishing art of gypsum.

GRG is a cost-effective solution to those building problems for which it is suited. GRG can be cast into virtually any pattern, shape and size. Its material is extremely lightweight, strong and good fire proof and has good thermal insulation and very low thermal conductivity.

And it has a surface that can easily be decorated with all alkyd or acrylic paints, stains, lacquers and varnishes, allowing a variety of colour finishes. Make it an ideal choice for a wide range of architectural applications.



**Green-fom®**

# GLASS REINFORCED GYPSUM (GRG)

## CHARACTERISTICS

Easy mouldability to architectural forms and shapes

High strength to weight ratio

Wide performance range

Low manufacturing cost

High resistance to impact

Good electrical characteristics

Heat and sound insulation

Colour impregnation



**Green-fom<sup>®</sup>**

# GLASS REINFORCED GYPSUM (GRG)

## APPLICATIONS

Arches

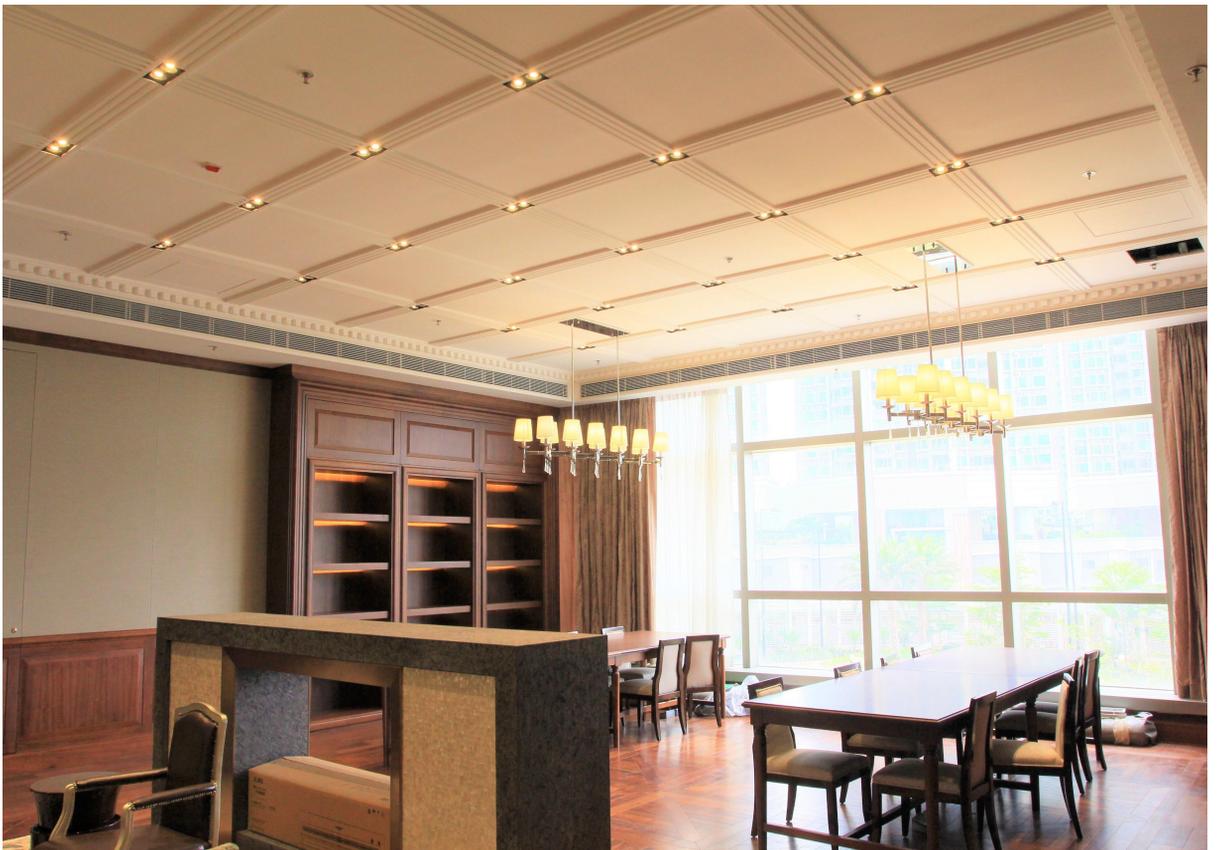
Cornices

Domes

Flat ceiling column capitals

Mouldings

Statues



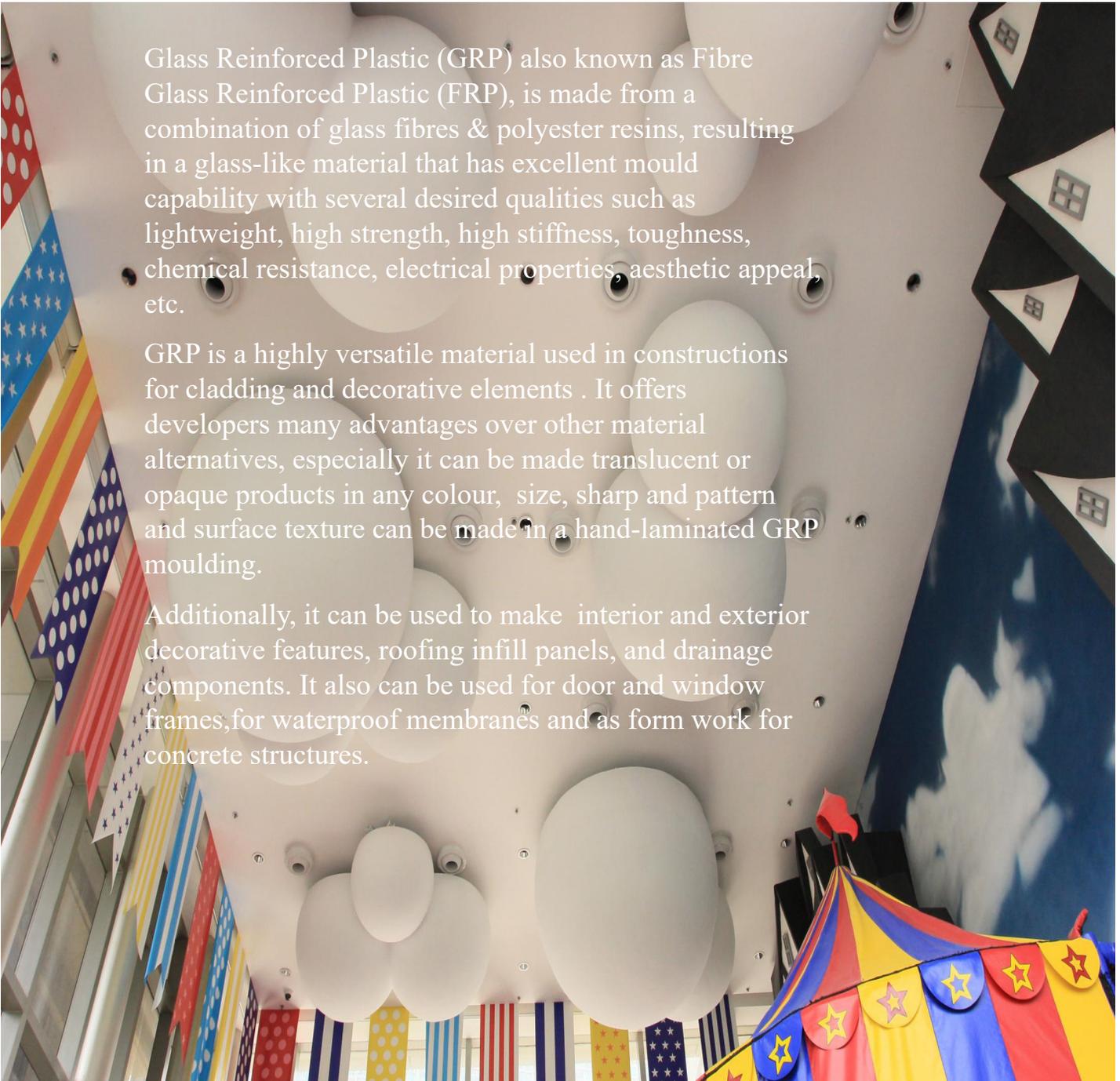
**Green-fom®**

## GLASS REINFORCED PLASTIC (GRP)

Glass Reinforced Plastic (GRP) also known as Fibre Glass Reinforced Plastic (FRP), is made from a combination of glass fibres & polyester resins, resulting in a glass-like material that has excellent mould capability with several desired qualities such as lightweight, high strength, high stiffness, toughness, chemical resistance, electrical properties, aesthetic appeal, etc.

GRP is a highly versatile material used in constructions for cladding and decorative elements . It offers developers many advantages over other material alternatives, especially it can be made translucent or opaque products in any colour, size, sharp and pattern and surface texture can be made in a hand-laminated GRP moulding.

Additionally, it can be used to make interior and exterior decorative features, roofing infill panels, and drainage components. It also can be used for door and window frames, for waterproof membranes and as form work for concrete structures.



Green-fom<sup>®</sup>

# GLASS REINFORCED PLASTIC (GRP)

## CHARACTERISTICS

Easy mouldability to architectural forms and shapes

High strength to weight ratio

Wide performance range

Low manufacturing cost

High resistance to impact

Resistance to corrosion

Good electrical characteristics

Sound insulation

Translucency and colour impregnation



**Green-fom<sup>®</sup>**

# GLASS REINFORCED PLASTIC (GRP)

## APPLICATIONS

Achitectural panels

Bath tubs

Booths

Cab roof

Column cladding

Domes

Facade treatment

Kiosks

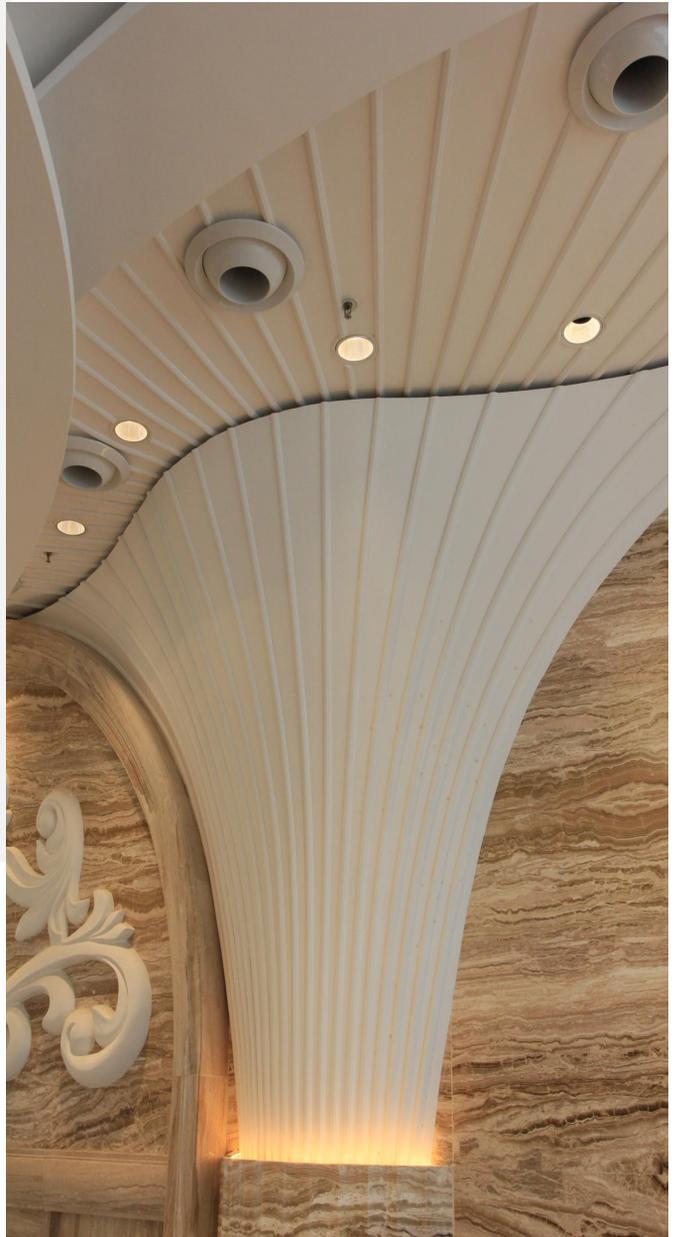
Manhole liners

Shower trays

Septic tanks

Vanity tops

Water tanks



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## Performance In Accordance With Following Test Standards

ITEM	DESCRIPTION	TEST METHOD
1	Tensile Strength and Modulus of Elasticity	BS 2782 : Part 3 : Method 320A-320F: 1976
2	Flexural Strength and Modulus of Elasticity	BS 2782 : Part 335A : 1978
3	Flexural Ultimate Strength	ASTM C947-16
4	Flexural Ultimate Strength	ASTM C947-16
5	Shear Strength	BS 2782 : Part 3 : Method 341A : 1977
6	Rockwell M Hardness	GB/T9342 : 1988
7	Moh's Hardness	BS 6431: Part 13 : 1986
8	Compressive Strength	ASTM C472-20
9	Initial Surface Absorption	BS 1881 : Part 208: 1996
10	Non-Combustibility	BS 476 : Part 4 :1970
11	Fire Propagation	BS 476 : Part 6 : 1989
12	Surface Spread of Flame	BS 476 : Part 7 : 1997
13	Ignitability Test of Products	BS 476 : Part 12 : 1991
14	Fire Classification Test (Class A1)	BS EN 13501-1:2007
15	Impact Resistance	In-house Test
16	Pull Out Test	In-house Test

**Green-fom®**



Star Beat

### Why Choose Us:

- Years of experience
- One-stop solution
- Excellent workmanship
- Reliable and skilled team
- On-time completion



Green-fom®

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