

The background of the advertisement features a perspective view of a floor made of FRP grating. The grating is composed of a grid of square openings. The color of the grating transitions from a light green in the upper left to a bright yellow in the upper right, and then to a dark grey in the lower right. The text is overlaid on the yellow and white areas.

FRP FLOOR GRATING

**"Safe, Acid Resistant, Load Resistant,
Extremely Versatile."**

Suitable for Heavy Industry, Marine

FRP FLOOR GRATING

CHEMICALS

The FRP is ideal for access systems when fabricated for such uses as platforms, walkways, hand railing, grating and mezzanine systems. They have been used successfully for over 20 years in chemical processing plants. The corrosive environments of the chemicals processing industries require the use of corrosion resistant materials.

FRP provides:

- light weight and high strength
- corrosion resistance
- electrical and thermal insulation
- inherent color
- dimensional stability over wide temperature ranges

MARINES

FRP have been successfully used for marine applications for over 20 years. Components are used for sheet piling, fender piling and flooring applications.

FRP provides:

- lasting performance

- high structural properties
- corrosion resistance
- inherent color
- is maintenance free



ELECTRICAL

FRP profiles have been successfully used in electrical applications for over 20 years. They can be used as electrical insulation ladder, cable tray, telecommunication tower and cross arm, etc. FRP Radome is high strength, chemical resistant, aging, long service life, electrical insulation as well as electrical wave free penetration; it can protect the cables safely. The FRP Radomes perform greatly in air & space, telecommunications and weather.

FRP provides

- Field Drillable
- Light weight and high strength
- UV Protected
- Environmentally Friendly
- Non-Conductive

FRP MOULDED GRATING



FRP Molded Grating is a structural panel which uses high-strength E-Glass roving as reinforcing material, thermosetting resin as matrix and then casted and formed in a special metal mold. It provides properties of light weight, high strength, corrosion resistance, fire resistance and anti-skid. FRP Molded Grating is widely used in oil industry, power engineering, water & waste water treatment, ocean survey as working floor, stair tread, trench cover, etc. and is an ideal loading frame for corrosion circumstances.

Our product passes a whole series of well known third party tests with the fire and mechanical properties, and the product sells well all over the world and has a good reputation.

FRP Molded Grating Strong Points:

1. Corrosion Resistance

Different types of resin provide their own different anti-corrosion properties, which could be used in different corrosion circumstance such as acid, alkali, salt, organic solvent (in gas or liquid form) and the like over a long period.

2. Fire Resistance

Our special formula provide grating with excellent fire resistant performance. Our FRP gratings pass ASTM E-84 Class 1.

3. Light Weight & High Strength

The perfect combination of the continuous E-glass roving and thermosetting polyester resin provide grating with light weight and high strength and its specific gravity is only 1/4 of that of steel, 1/3 of aluminum. Its rigidity is up to and even exceeds that of steel. Different thickness and mesh size bring the client more choice.

4. Safety & Anti-slip

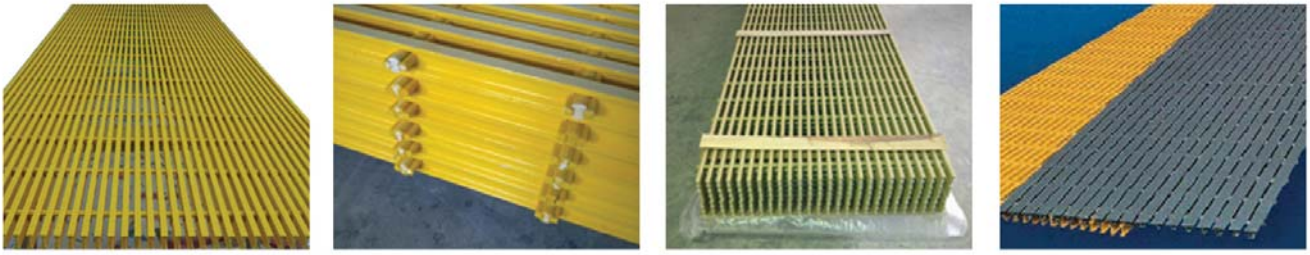
The high modulus of elasticity and various surfaces provided the super anti-skid performances. Its surface could be smooth surface, meniscus surface, grit surface and chequer plate cover which is suitable for different working places.

5. Electrical Insulating

High strength E-glass roving and high-grade resin provide the product super electric performance. Its electric break strength could reach 10KV/mm. There is no electric spark even when impact by tools, meanwhile it is non-magnetism. FRP Molded Grating could be used safely under the antiknock, diamagnetism and electric-resistance environments.

6. Aging Resistance

The high-grade resin and anti-ageing stabilizer provide grating long-life ageing resistant performance and the unique design make grating excellent self-cleanness function and keep its brightness and strength over a long time. The service life of grating could be 25 years.



FRP PULTRUDED GRATING

FRP Pultruded Grating is assembled with pultruded I and T sections linked by cross rod per distance into a panel. The distance is decided by an open area rate. This grating has more fiberglass content compared to FRP Molded Grating, so it is stronger.



FRP COVERED GRATING

FRP Covered grating is constructed with open mesh grating and hand lay-up plate, the finished product could be one side closed or two sides closed (sandwich panel). Our FRP Covered Grating is super high strength, and could be used with heavy duty load. Meanwhile, the closed construction could isolate the odour well and is helpful to the environments protection.

The open mesh grating could be any one of our standard ones, and the plate thickness could be 3-12mm. We supply design service to find out a best solution to solve the heavy duty problems.



FRP MINI-MESH GRATING

FRP Covered grating is constructed with open mesh grating and hand lay-up plate, the finished product could be one side closed or two sides closed (sandwich panel). Our FRP Covered Grating is super high strength, and could be used with heavy duty load. Meanwhile, the closed construction could isolate the odour well and is helpful to the environments protection.

The open mesh grating could be any one of our standard ones, and the plate thickness could be 3-12mm. We supply design service to find out a best solution to solve the heavy duty problems.