

GRP GRATINGS

Glass Fiber Reinforced Polyester Gratings

GRP gratings are particularly suitable for use in the presence of chemicals and in corrosive environments. They are non-magnetic and have high resistance to acids, UV radiation and fire. They are used for the construction of walkways, stairs, platforms, ventilation gratings, fences, and in many other applications where a surface resistant to corrosive liquids is required.

This type of grating, more commonly known as fibreglass grating, does not need surface treatments such as painting or galvanising, is lightweight, easy to install and requires minimal maintenance. The panels can be cut or drilled directly on site using the most common cutting tools. Thanks to their mechanical, physical and chemical properties, they have become an integral part of the construction and industrial sectors, offering an optimal combination of strength, durability and lightness.

MATERIAL

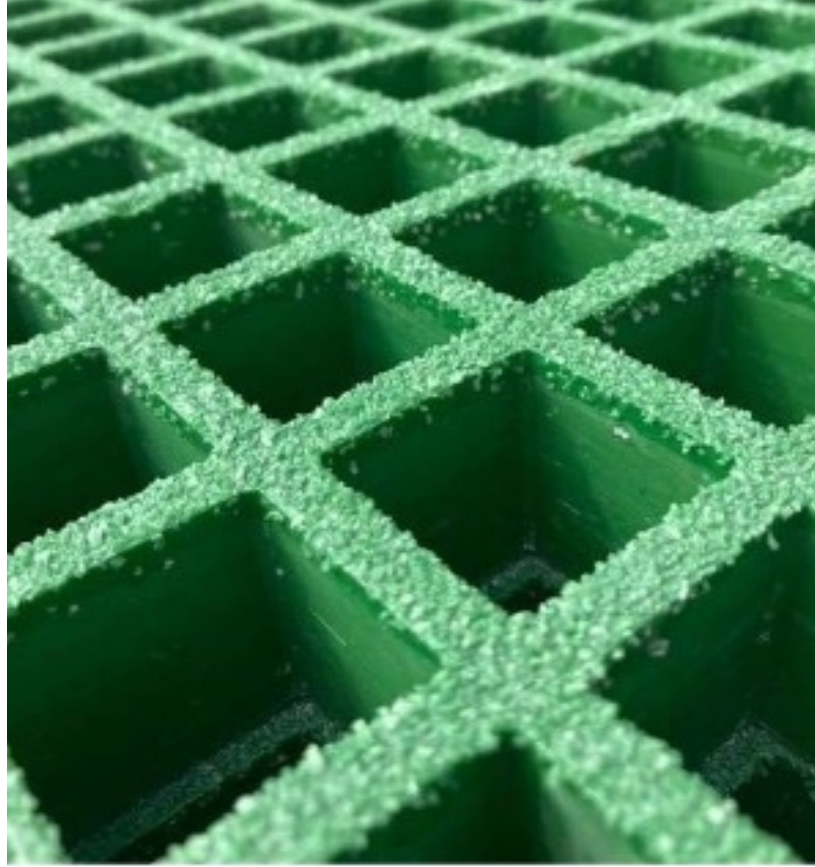
ISOPHTALIC RESINS

Certification

Flame Spread /Smoke Developed Index in accordance to ASTM E-84 CLASS 20 (A)

CHARACTERISTICS

- Resistant to acids and alkalis at different concentrations and temperatures
- Ideal for most corrosion problems
- Non-slip surface that provides superior adhesion even in wet conditions
- Use in the petrochemical, railway, industrial, water treatment and civil construction sectors.



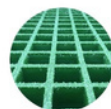
- Mesh: 38x38 mm
- Height 30 mm - Thickness 6.5 mm
- Weight: 16.00 Kg/m²
- Density: 1.80 gr/cm³
- Surface treatment: Sandblasted

LOADING CAPACITY

Uniformly distributed load: **L = 600 kg/m²**

| | Clear Span (mm) | | | | | | |
|---|-----------------|-------|-------|-------|-------|-------|------|
| | 300 | 400 | 500 | 600 | 800 | 1000 | 1200 |
| L = Distributed Load (kg/m ²) | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| f = deflection (mm) | 0,041 | 0,103 | 0,350 | 0,500 | 1,380 | 3,600 | 6,80 |

COLORS

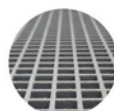


RAL 6010 GREEN - AVAILABLE EX STOCK
 Panels dimensions:
 2000x1000 4000x1000 mm



OTHER COLORS UPON REQUEST

RAL 1023 YELLOW



RAL 7036 GREY