

Moulded Fibreglass Grating - An Overview

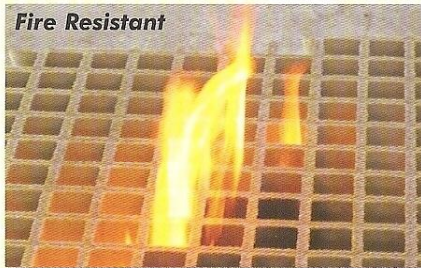
Continuous glass fibre woven roving's are systematically laid in alternating bi-directional layers within a large heated waffle mould and thoroughly impregnated with a liquid resin. The matrix is then thoroughly compressed to ensure a thorough wetting of the fibres and to remove any voids. The mould is then left for a predetermined time to allow the panel to cure. The panel is then ejected from the mould. This one-piece interwoven square mesh produces two primary benefits: maximum corrosion resistance and high strength multi-directional spanning. The glass fibre structural core provides strength, with the polyester resin providing the corrosion resistance.



Benefits of Fibreglass Grating

Fire Resistant

In accordance with the **BS 476 & ASTM-E-84** our fibreglass grating achieves a **Class 1 Fire Rating**. For ultimate fire resistance a **Phenolic** grating is available. Please contact our sales team for more information.



Corrosion Resistant

Fibreglass Grating will out-perform galvanized and powder coated grating many times over and its chemical inertia gives it an exceptionally long service life. Please ask for a copy of our chemical resistance datasheet.

Slip Resistant

A hard wearing quartz grit is applied to the top surface. This durable gritted surface has been friction tested in accordance with **BS7976-2**, and ensures an excellent level of slip resistance. This provides positive traction against wet, oily or icy surfaces.

Impact Resistant

Deflection will occur with the impact of a heavy object. However once the load is removed, fibreglass grating will return to its original shape and position, unlike metallic grating, which remains deformed and requires costly replacement. Please ask for a copy of our deflection data.

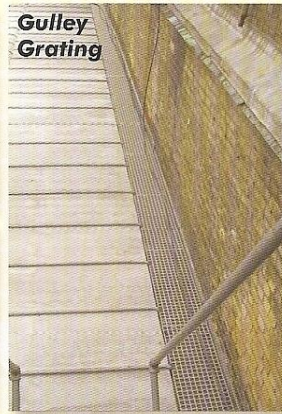


Lightweight

With square metre weights of only 12kg, and 18kg for our 25mm and 38mm panels, fibreglass grating is significantly lighter than conventional open mesh steel grating, allowing easier manual handling and installation.



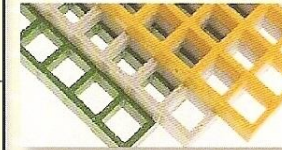
Panel Type	Panel Depth	Mesh Pitch	Panel Size
Screen Guard	12mm	50 x 50mm	3660 x 1220mm
Light Duty	25mm	38 x 38mm	2000 x 1000mm 3000 x 1000mm 3660 x 1220mm
Standard Duty	38mm	38 x 38mm	2000 x 1000mm 3000 x 1000mm 3660 x 1220mm
Heavy Duty	50mm	50 x 50mm	2000 x 1000mm 3660 x 1220mm



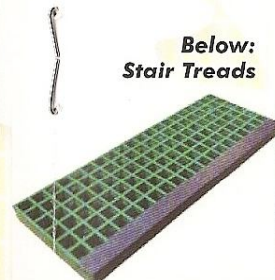
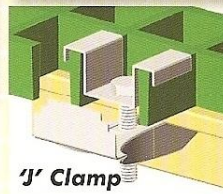
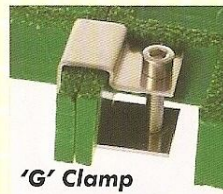
Colour Options:

- Green (RAL 6010),
- Light Grey (RAL 7047),
- Yellow (RAL 1003).

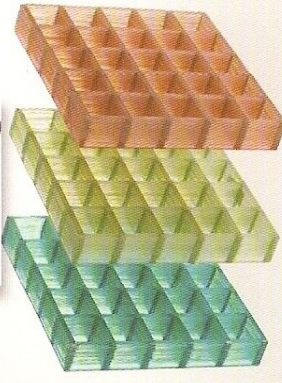
Please note we can manufacture to any RAL or BS Colour.



Panel Fixings



Below:
Stair Treads



Right:
Sunscreens
and Louvres

