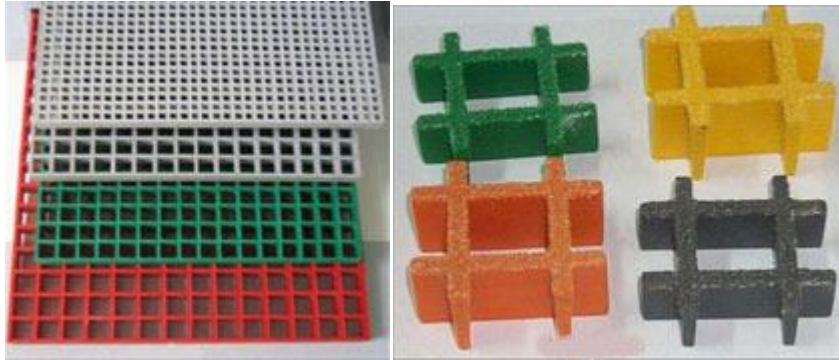


Bhagawati Gas Limited

FRP/GRP Grating

BIL manufactures Pultruded & moulded fiberglass gratings. BIL FRP/GRP gratings are suitable for corrosive chemical and offshore applications and are available in custom panel sizes.



MOULDED GRATING PROCESS:

Moulded grating is manufactured in an open, heated mold that resembles a large waffle iron. Continuous glass fibers are placed in the mold in alternating layers and thoroughly wetted out with resin. This continuous process produces an integral, one-piece construction, which offers excellent corrosion resistance as well as bi-directional strength.

SPECIFICATIONS:

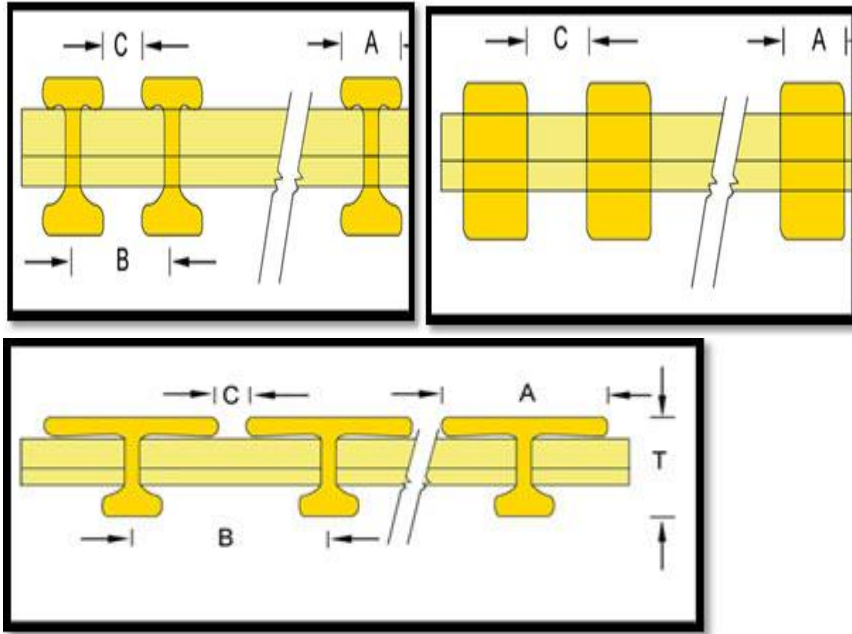
Our FRP / GRP molded grating has different resin system and panel size. Our resin can be Orthothalic, Isophthalic, Vinyl ester, Phenolic. Our grating top can be grit, concave, covered. And the color can be yellow, green, grey, red, black, etc or as your option. And our grating size can be cut into any smaller than of the full panel.

Sl. No.	Height (In mm)	Mesh Size (In mm)	Standard Panel Size (In mm)
1.	20	38X38	1220X3660
2.	25	38X38	1220X3660
3.	30	38X38	1220X3660
4.	35	38X38	1220X3660
5.	40	38X38	1220X3660

PULTRUDED FRP/GRP GRATING

BIL manufactures Pultruded Gratings in Isophthalic Polyester Resin as well as Vinyl ester Resins. Pultruded Fiberglass Grating comes in three major shapes: T-bar, I-bar, and Heavy Load bar. The type of grating chosen will depend on the application.

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FIBERGLASS GRATING DIMENTIONS:

Product name	I- Beam Size (In mm)	Cross Rod Distance(In mm)	Recommended Load (In Kg/Sq. Mtr)
BIL-25-300	25	300	200
BIL-25-200	25	200	300
BIL-25-100	25	100	500
BIL-30-300	30	300	500
BIL-30-200	30	200	800
BIL-30-100	30	100	1400
BIL-40-300	40	300	1500
BIL-40-200	40	200	2000
BIL-40-100	40	100	2500

APPLCATION:

- Off Shore Oil Platforms
- Effluent Treatment Plants
- Metallurgical Plants
- Power Plants

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- Pulp & Paper Industry
- Chemical Plants, Refineries
- Marine Industry
- Fertilizer Plants
- Nuclear power Plants
- Food & Drug Industry

FEATURES AND BENEFITS:

- Corrosion resistant
 - High strength-to-weight ratio
 - Robust and easy to install
 - Economical efficiency
 - Anti-aging
 - Electrically & Thermally Non Conductive
 - Light weight
 - Fire retardant
 - Ergonomic
 - Easy Fabrication
 - Slip- resistant
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