



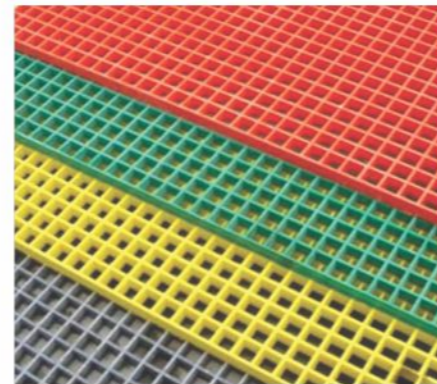
FRP MOULDED GRATING

FEATURES OF FRP GRATING

- Corrosion Resistant
- UV Protected
- Long Service Life
- Fire Retardant
- Slip & Impact Resistant
- Nonconductive
- Superior Ergonomics
- Low Maintenance
- Ease of Fabrication & Installation
- Light weight Yet Durable
- Electronically transparent

APPLICATIONS

- Chemical Processing
- Food & Beverage
- Oil & Gas
- Power Industry
- Buildings
- Pharmaceutical
- Metals & Mining
- Pulp & Paper
- Shipping
- Transportation
- Water & Waste Treatment
- Architecture



FRP Grating meet the highest Standards for its high strength, Corrosion resistance, long life and safety. FRP Grating light in weight and easy to install, a complete range of Moulded, mesh & covered mesh gratings are available to satisfy various industrial needs, high load requirement, as well as small mesh grades, ensuring worker safety. Solid floor solution as well as stair tread, complimented with handrail system enable complete access stairways and work platforms solutions.

TYPICAL APPLICATIONS

- Flooring
- Platform & walkways
- Assembly Lines
- Trench Covers
- Stairs
- Catwalks
- Drain cover
- Ramps
- Greenhouse
- Shelving

TYPES OF GRATINGS

- Anti-slip Grating
- Solid Top/covered gratings
- High load capacity gratings

SIZE

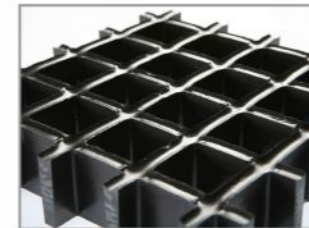
FRP Moulded Gratings made into Various Mesh Patterns and surface suitable for demanding applications.

Product Code	Height	Mesh Size (mm)	Rib Thickness (mm)	Open Area (%)	Sheet Size (mm)
SM25 (38x38)	25	38x38	5 - 7	75	3660 x1220
SM30 (38x38)	30	38x38	5 - 7	75	3660 x1220
SM38 (38x38)	38	38x38	5 - 7	75	3660 x1220

TYPES OF SURFACE FINISH OF GRATING

To provide Safest walking Surface

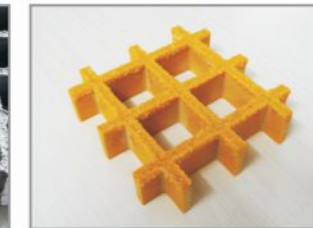
FRP grating are available in slip-resistant surface



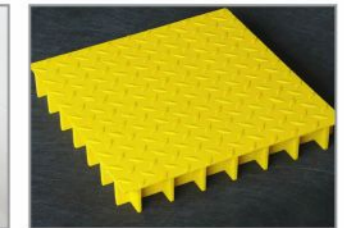
Meniscus Top : Suitable for wet & oily conditions



Integral Grit Top : A quartz grit surface applied during the molding operation.



Applied Grit Top : A quartz grit which is applied and sealed on to the surface



Covered Grating : Solid FRP cheker plate applied over grating during molding operation.

COMPARISON WITH CONVENTIONAL MATERIAL

	FRP	Steel	Aluminium	Timber
Corrosion Resistance	High	Low	Medium	Low
Strength	High	High	High	Low
Weight	Low	High	Low	Medium
Electrical Conductivity	Low	High	High	Moderate
Thermal Conductivity	Very Low	High	High	Low
EMI/RFI Transparency	Yes	No	No	Yes
Fabrication	Easy	Easy	Moderate	Easy
Life Cycle Cost	Low	Moderate	Moderate	High
Environmental Impact	Low	High	High	Low

REFERENCES LIST OF INSTALLATIONS

- Adani Power Ltd.,
- Reliance Petroleum Ltd.,
- Nirma Ltd.
- Atul Ltd.
- Aditya Birla Nuvo Ltd.
- Grasim Industries
- Archean Chemaical Industires Pvt. Ltd.
- Larsen & Toubro (L&T)
- Meghmani Finechem Limited
- Paharpur Colling Towers Limited
- Gujarat Ambuja Cement
- Torrent Group
- GSFC
- GNFC
- GACL
- BASF Ltd.
- Sun Pharma Group
- Alembic Limited