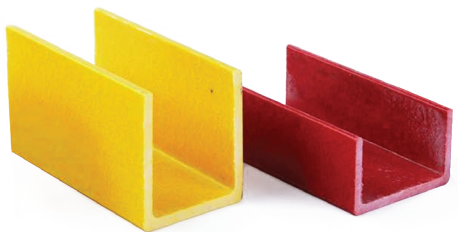


C Channel



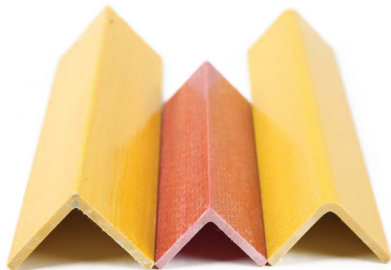
PROFILE SIZE	Wt(kg)/MTR
100*50*4mm	1.5
106*28*3mm	0.9
150*50*4mm	1.89
150*50*5mm	2.35
156*28*3mm	1.19
200*50*4mm	2.28
200*50*5mm	2.84
206*28*3mm	1.48
300*50*4mm	3.07
300*50*5mm	3.82
308*28*4mm	2.74



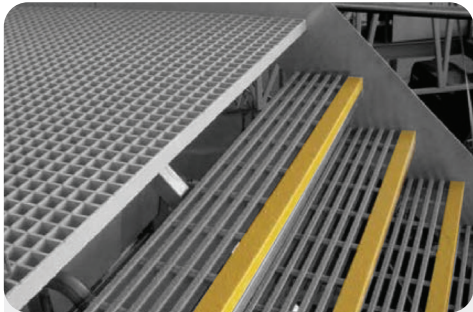
Classical Application

- Ladder Support
- Handrails
- FRP Stands
- Racks
- Cable Tray

L Angle



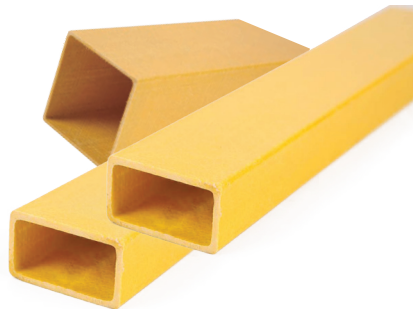
PROFILE SIZE	Wt(kg)/MTR
25*25*3mm	0.276
50*50*4mm	0.762
50*25*3mm	0.423
50*50*6mm	1.1



Classical Application

- Stair Support
- Connecting Element For FRP Structures
- Support Ledges For Grating Or Beams

Box Pipe



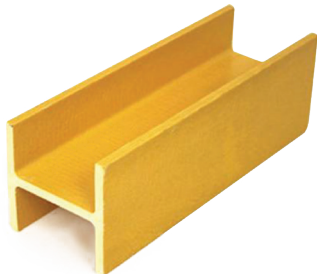
PROFILE SIZE	Wt(kg)/MTR
60*40*3mm	1.1
60*40*5mm	1.76
50*25*3 mm	0.79
50*25*4 mm	1.15
50*25*5 mm	1.25
40*40*3mm	0.87
40*40*5mm	1.37
76.2*76.2*4mm	2.22
76.2*76.2*5mm	2.74
76.2*76.2*6mm	3.25
25*25*3 mm(RUNG)	0.6



Classical Application

- Insulated Ladders
- Handrails
- FRP racks
- FRP Fence

I – Section



PROFILE SIZE	Wt(kg)/MTR
38*15*3.2mm	0.45
12mm Groove Bar	0.176
12mm Notch Bar	0.164



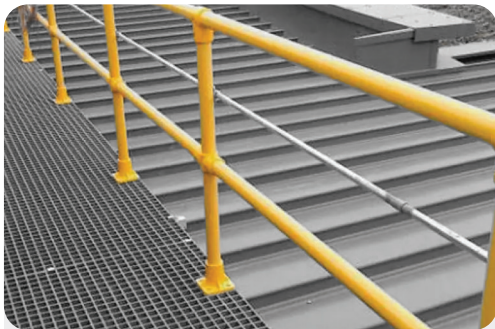
Classical Application

- Beam Structure Of Bridge
- Roof Support Structure
- Industrial Platform
- Ladder Support
- FRP Stand, Racks

POLYESTER ROD

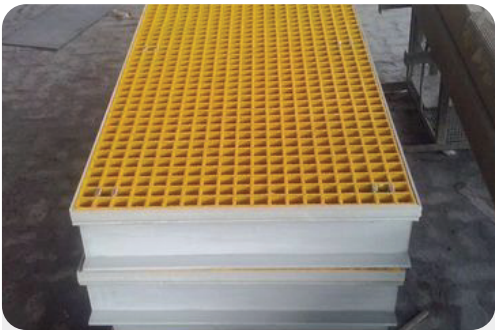


PROFILE SIZE	Wt(kg)/MTR
8mm	0.09
12mm	0.225
16mm	0.393
20mm	0.615
24mm	0.886
33.5mm	1.72



Classical Application

- Ladder Support
- Handrails
- FRP Stands
- Racks
- Cable Tray



Classical Application

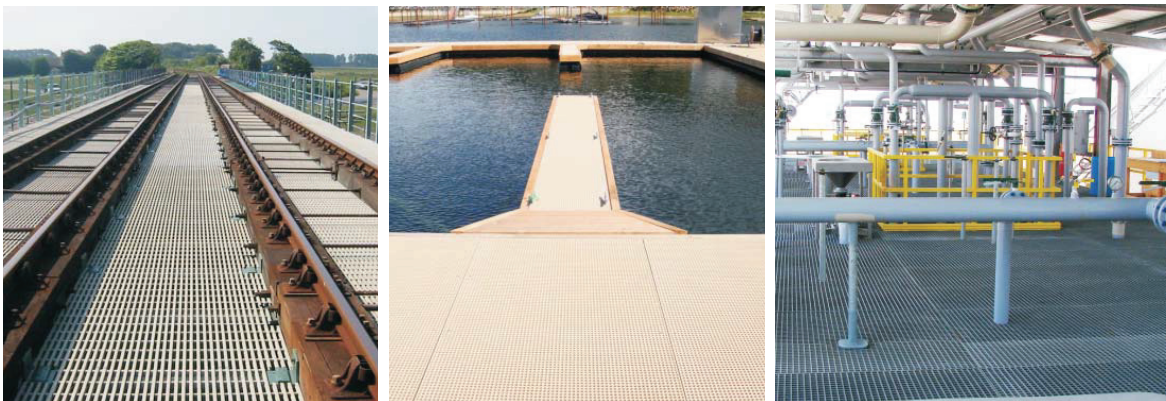
- Platform & Walkways
- Stair System
- Ceiling
- Flooring
- Racks

PULTRUDED GRATING

Pultruded Gratings are famous for high strength, corrosion resistance, long life and safety in the most difficult environment. These also adhere to the highest international standards. Plurimo design ensures that reliable services are possible for several years as they are assembled from interlocking pultruded profiles thus outperforming the traditional materials they replace.

Being lightweight, easy to put together and install, good performance and cost effectiveness makes it a better choice than steel in several major industries.

An entire collection of gratings is offered to satisfy wide-ranging industrial needs and high load requirements for safety at work.



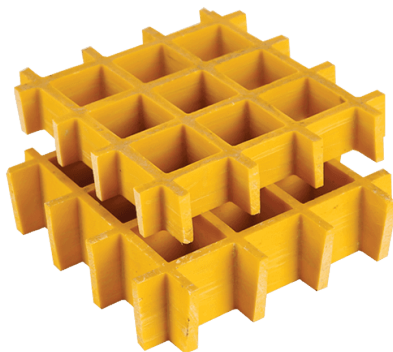
	H-Height(mm)	W-Top width(mm)	C-Spacing(mm)	Open Area(%)
I-1540	38	15	25	40
I-1550	38	15	30	50
I-1560	38	15	38	60
T-1517	38	25	30.5	17
T-1533	38	25	38	33
T 1550	38	25	50 8	50



FRP/GRP STEP TREADS

Easy to assemble and providing high safety. GRP Step Treads fulfil high safety standards. They are produced in the same way as the GRP Profile Gratings and the GRP Moulded Gratings with additionally reinforced and highlighted edges.

FRP/GRP MOULDED GRATINGS



is one of the India’s leading producers of moulded grating. Renowned for their high strength, corrosion resistance in the harshest environments, long life and safety. Moulded Gratings meet the highest international standards. Produced from carefully selected resin systems, Aeron Gratings is designed to deliver many years of reliable service, outperforming the traditional materials they replace.

FRP/GRP Gratings are lightweight, easy to fabricate and install. Their acceptance in many major industries has made them the first choice over steel, not only for their performance but cost competitiveness. Comparable with steel at the installed cost stage, their low maintenance and long life means a significantly lower life cycle cost than that of steel.

GRP Moulded Gratings are available with Polyester, vinyl ester or phenolic resin. All kinds of resin are self-extinguishing and UV-stabilized.

Applications		Industry		
» Walkways	» Step Treads	» Chemical	» Cements	» Railways
» Platforms	» Swimming pool overflow	» Marine	» Constructions	» Shipping
» Trench covers	» Fencing	» Oil & Gas	» Pharmaceuticals	» Transportation
» Staircase	» Elevated car parking	» Power	» Pulp & Paper	» Architectural
» Floorings	» Earth pit covers	» Food & Beverage	» Recreation	» Telecommunications
» Foot Bridges	» Etc....	» Desalination	» Water & Waste Treatment	& Many more

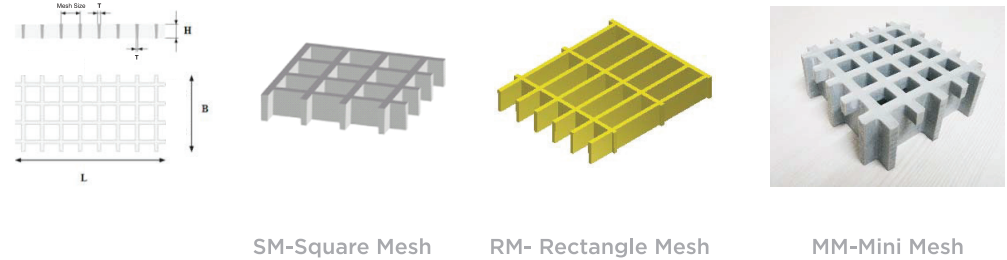
Size

FRP Moulded Grating are made into various mesh patterns and surface suitable for demanding applications.

Product Code	Height (MM)	Mesh Size (MM)	Rib Thickness (MM)	Sheet Size (MM)
SM 20 x (38 x 38)	20	38 x 38	7-5	3600 x 1220
SM 25 x (38 x 38)	25	38 x 38	7-5	3600 x 1220
SM 30 x (38 x 38)	30	38 x 38	7-5	3600 x 1220
SM 38 x (38 x 38)	38	38 x 38	7-5	3600 x 1220

Comparison With Conventional Materials

Paramaters	FRP Gratings	Hot Dipped GI	SS
Life Span	High	Moderate	High
Strength To Weight Ration	High	Low	Low
Life Cycle Cost	Low	High	High
Corrision Resistivity	Very High	Moderate	High
Chemical Resistivity	Nil	Moderate	High
Electrical Conductivity	High	High	High
EMI / RFI Transparency	High	Nil	Nil
Installation Cost	Low	Moderate	Moderate
Handaling	Very Easy	Difficult	Difficult
Anti Skid	Available	NA	NA
Color Range	Available	NA	NA



CONSTRUCTION

GRP Moulded Gratings are produced by wet moulding and hot curing in a heated mould. The reinforcement consists of continuous fibreglassrovings in alternating layers, so the loads are distributed evenly in all directions. Regularly Moulded GRP Gratings have a polyester resin matrix. Glass content is approximately 35%. Standard colours are green, yellow or grey, other colours are available according to RAL.

FRP FENCING



FRP fencing is a complete solution to safety in both residential areas and heavy industries. It is used for protection and isolation and it is applied to many areas that require rapid installation. It has many advantages: easy installation, excellent anti-corrosion performance and cost effective features. The FRP fencing has many different types:

FRP fencing railing, FRP picket fence, FRP molded grating fencing and FRP pultruded grating fencing. Below are some common FRP fences. Special shapes can be customized.



BOUNDRY FENCING



TRANSFORMER FENCING



Industries We Cater

-  Oil and Gas
-  Architectural
-  Chemicals
-  Infrastructures
-  Pharmaceuticals
-  Cooling Tower
-  Electrical and Utility
-  Ladder and Handrailing
-  Marine Industry
-  Domestic Use
-  Cable tray System
-  Electrical

Some Interesting Creations

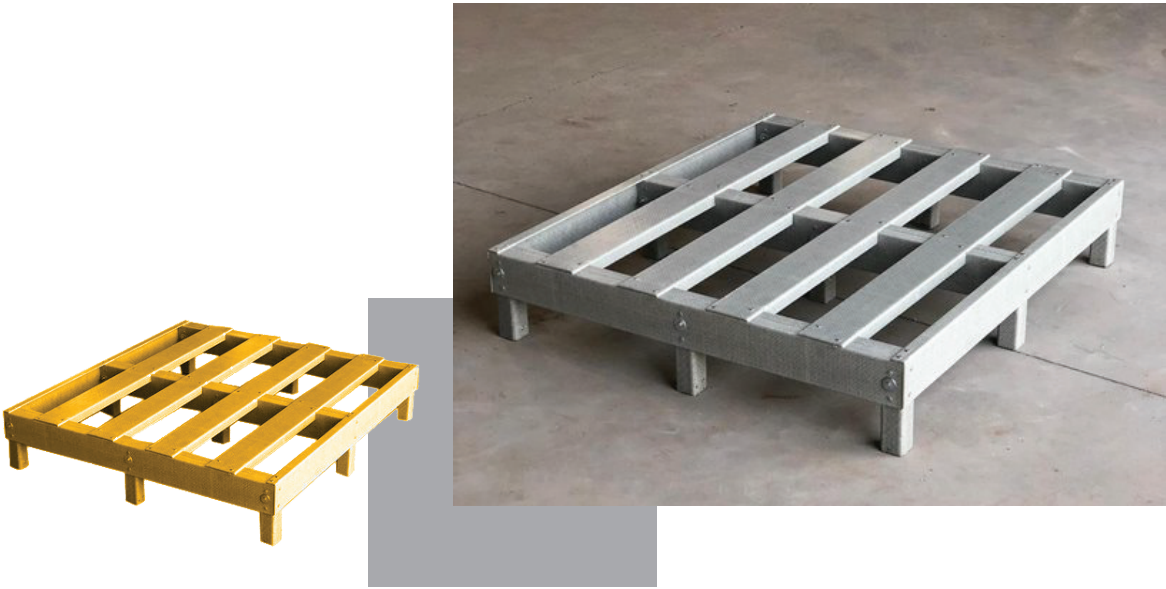
FRP
LADDERS



FRP
RACKS



FRP
PALLETS



FRP
WALL PARTITION



Features & Advantages of the Product



Anti-Corrosive



Structurally Strong



Easy to Install



Light Weight



Non Conductive



Lab Tested



Chemical Resistant



Non Magnetic



Resistant to Chipping and Cracking



U. V. Resistant



Fire Resistant



Long Life



Hydrophobic



Durable



Easy to maintain



Dimensional Stability – The coefficient of thermal expansion of pultruded products are marginally very less than aluminium and steel



Anti static



Non Toxic



Comparison with other products utilized

Parameters	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