



www.icp-india.com

ICP Fiberglass Pultruded Gratings



- Non-Conductive*
- Low Installation Cost*
- Dimensional Stability*
- Strength-to-Weight Ratio*
- Long Service Life*
- Superior Ergonomics*
- Corrosion Resistant*
- Structurally Strong*
- Fire Retardant High*



Conforming to American
National Standard



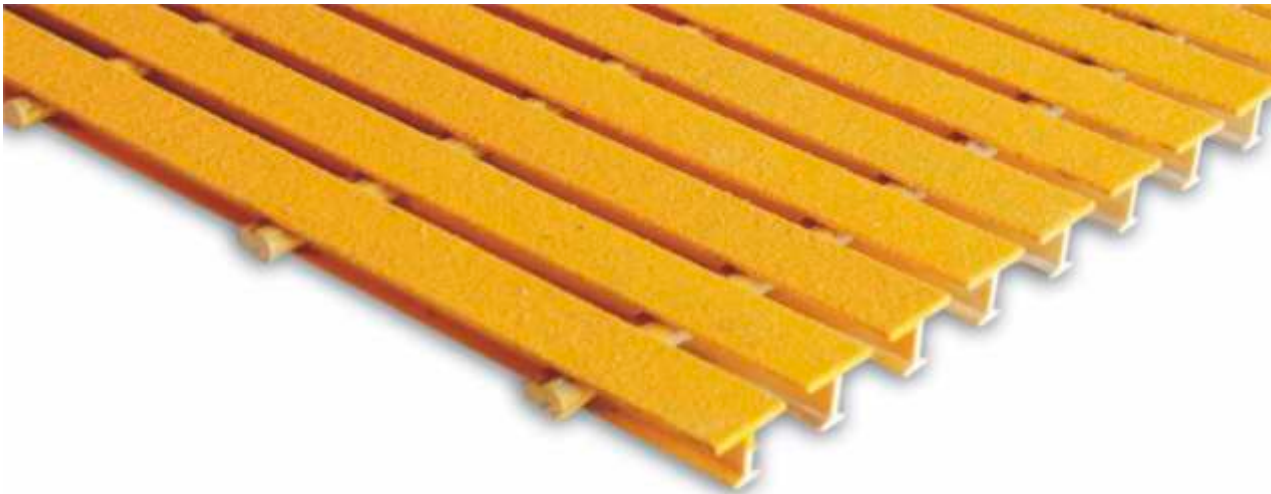
As per American Composites
Manufacturers Association Standard

ICP (India) Private Limited

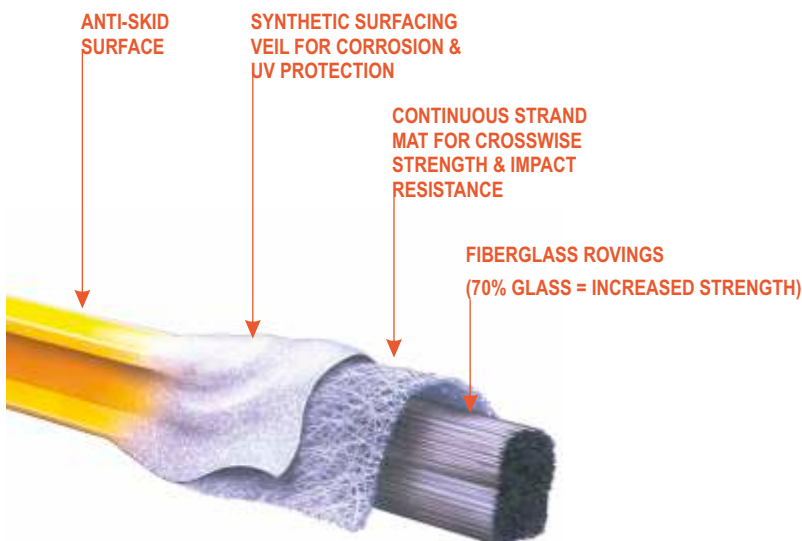
The Fiberglass People

What is ICP Pultruded Gratings?

ICP Pultruded Gratings are pultruded bar type gratings that can be designed and used like traditional metal grates but have the inherent benefits of fiberglass. These problem solving products are ideal replacements for steel or aluminum gratings.



Material used in ICP Pultruded Gratings



- Fiberglass reinforcements (fibers and mat)
- Thermosetting resin system
- Pultrusion process for outstanding characteristics.
- Bearing bars use both longitudinal (glass roving) and multidirectional (glass mat) reinforcements
- A synthetic surfacing veil to provide strength and corrosion resistance.
- Continuous glass mat provides strength in the transverse direction and prevents chipping, cracking and lineal fracturing.
- Resins system used for added corrosion resistance and UV protection.

Types of ICP Pultruded Gratings



I Bar
Industrial strength fiberglass gratings, for heavy loads and extreme conditions



T Bar
Ideal for Pedestrian application



Heavy Load Bar
Designed for extreme loads and the highly corrosive environments.

APPLICATIONS	Trench covers	Flooring
	Swimming pools	Platforms
	Walkways	Pedestrian Ramps
	Stairs	Decks and Patios
MARKETS	Chemical	Electrical & Electronics
	Marine / Coastal	Oil & Gas / Petroleum
	Manufacturing	Recreational
	Mining / Processing	Water treatment

Benefits of ICP Pultruded Gratings

Characteristics	ICP Pultruded Gratings	Steel Gratings	Aluminum Gratings
Impact Resistance And Does Not Deform Due To Load And Usage	✓	✗	✗
Corrosion Resistance For Life	✓	✗	✗
Anti Skid In All Directions	✓	✗ Only One direction	✗ Only One direction
Electrically And Thermally Non-conductive	✓	✗	✗
Color Stays For Life	✓ Color induced at time of forming.	✗ Needs frequent repainting.	✗ Expensive to color
Easy Field Installation With Simple Tools	✓	✗ Special blades, torch	✗
Light Weight And Easy To Move	✓ Density < 2	✗	✗
Does Not Require Banding	✓	✗	✗



Standard Grating

We stock the most common pultruded FRP grating profiles with us.



Custom Grating

Our Custom Fiberglass Grating gives you the option of customizing the grid and grating system needed for specific applications.



Heavy Duty Grating

Our Heavy Duty Fiberglass Gratings is a pultruded bar type grating designed and used like traditional metal grates. Bearing bars are designed to handle very heavy loads.



Phenolic Fire-Retardant FRP Grating

Phenolic grating can withstand high temperatures and direct flame while maintaining its structural integrity. The feature makes the grating ideal for a wide range of offshore, marine, transportation and industrial applications.



ICP Fiberglass Product Range :



The inherent benefits of Fiberglass Composite Material allows for various innovative applications for Building and Architectural purpose.

- FRP Claddings
- FRP Louvers
- FRP Manhole Covers

We are reputed for manufacture of glass epoxy laminates, filament wound tubes/cylinders and pultruded profiles to IS & NEMA Standards to meet the requirement of High Tension Electrical Equipment Manufacturers viz., Switch Gears, Transformers, Motors, Generators, etc.,



SCAN WITH YOUR
SMART PHONE



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