

Fiberglass Reinforced Polymer Grating

Fiberglass reinforced polymer grating is lightweight yet offers high strength for demanding applications. Its resistance to corrosion, impact, and chemicals ensures a long-lasting and safe flooring solution.



ADDITIONAL IMAGES



Product Overview

High-Performance Composite Grating

This Fiberglass Reinforced Plastic (FRP) grate is engineered using advanced pultrusion technology, combining unsaturated polyester resin with fiberglass for superior durability. Designed to withstand harsh industrial environments, it offers exceptional corrosion resistance, high strength-to-weight ratios, and non-magnetic properties. It serves as a versatile, low-maintenance alternative to traditional metal grating for walkways, platforms, and drainage covers.

Material & Composition

Core Materials

- Unsaturated Polyester
- Fiberglass

Resin Types

O-phthalate, M-phthalate, Vinylallyl, Phenolic

Physical Characteristics

Available Colors

White • Green • Yellow • Grey

Key Advantages

- Lightweight with high strength
- Corrosion resistant and rust-proof
- Antiflaming and insulation properties
- Impact resistant
- Anti-skidding surface

Applications

Industries Served

- Chemical industry
- Power plants
- Nuclear power stations
- Sewage treatment plants
- Smelting plants
- Paper mills
- Battery factories

Common Uses

Application Type

Pedestrian & Grassland Walkways

Stair Treads

Industrial Flooring

Operating Platforms

Gutter Covers & Trays

Guardrails & Fences