

# Fiberglass Reinforced Polymer Ladder

This ladder is made from lightweight, high-strength fiberglass reinforced polymer. It offers insulation, corrosion resistance, and impact resistance.

## Product Overview

### High-Performance Fiberglass Reinforced Plastic Grating

This Fiberglass Reinforced Plastic (FRP) grating is engineered using advanced pultrusion technology with high-quality unsaturated polyester and fiberglass. Designed for durability in harsh environments, it offers a superior alternative to traditional materials with its corrosion-resistant, non-conductive, and non-magnetic properties. It is a versatile solution suitable for a wide range of industrial applications, from chemical plants to power stations, providing both safety and long-term reliability.

## Material & Construction

### Available Polyester Types

- O-phthalate
- M-phthalate
- Vinylallyl
- Phenolic

### Material Composition

Unsaturated Polyester, Fiberglass

## Physical Properties

### Available Colors

White • Green • Yellow • Grey

### Key Advantages

- Light weight with high strength
- Corrosion resistance and rust-proof
- Antiflaming and insulation properties
- Non-magnetic
- Impact resistant
- Anti-skidding surface
- Maintenance-free

## Applications

### Common Uses

- Pedestrian walkways
- Grassland walkways
- Stair treads
- Slab bridges
- Industrial flooring
- Operating platforms
- Gutter covers
- Guardrails and fences
- Shelving

### Suitable Industries

Chemical Industry, Power Plant, Nuclear Power Station, Sewage Treatment, Smelting Plant, Salt Mine, Paper Mill, Packing House, Battery Factory