

What is P-Series[®] Phenolic Grating?

Treadwell's P-Series[®] Phenolic fiberglass or FRP grating is the ultimate choice for applications where fire risk is present and when smoke cannot be allowed to develop.

Treadwell, through the employment of only the most advanced production equipment and the use of the highest quality raw materials, has developed this unique range of leading offshore composite grating products. EX-Series[®] Phenolic Grating, which boasts US Coast Guard approval, is acceptable for use in areas and applications as outlined in the US Coast Guard Safety Manual.

Composite Grating with the Strength of Steel

EX-Series[®] Phenolic Grating can span up to 70% more than that of the equivalent size standard steel grating. Furthermore, P-Series[®] will not yield and will return to its original shape if design loads are exceeded.

Ease of installation

EX-Series[®] Phenolic Grating is only 65% the weight of steel bar grating and often can be manually installed with ease.

Safety Enhancing Anti-Slip Surface

This system is unique to EX-Series[®] Grating Systems, which mean that load bars are broader than those of metal grating and are hence far less fatiguing than conventional steel bar grating and not dangerously sharp like serrated surface grating.

Extreme Fire and Impact Resistance

EX-Series[®] Phenolic Grating systems, which is laminated by an outer layer of resin rich Phenolic providing ultimate fire resistance, ensures extreme strength is maintained.

Typical Applications

- Jetties, wharfs & marine structures
- Offshore production platforms
- Offshore drilling platforms
- Grating
- Refineries
- Industrial/processing plants
- Shipboard applications
- Public Transport i.e. tunnels

Standard Panel Sizes

GratEX [®]	1225 mm x 3665
	920 mm x 3055
GridEX [®]	1524 mm x 6096

Other custom panels sizes are achievable and readily available.

Installation Methods

Treadwell offers a range of installation fixing systems designed for offshore wave zone environments as well for standard industrial applications - refer to page 75 of the Grating Product Guide for the StormChief[®] system which has a long-standing history of outstanding performance in the offshore industry.



Standard Colors



Antique Brown



Antique Yellow