



Phenolic Grating

Phenolic Grating available as moulded grating, or pultruded grating, offering maximum fire and smoke resistance, low smoke and toxic fume emissions. Floor grating for offshore mines, tunnels, ships decks and walkways.

Phenolic Moulded Fibreglass Grating

Phenolic Fibreglass Grating is produced in a mould, and is available in various mesh thicknesses and panel sizes. The walking surface can be supplied in a natural concave anti-slip finish or angular quartz grit can be integrally added for superior anti-slip qualities. **Phenolic Fibreglass Grating** produces the most effective method of achieving maximum fire resistance, low smoke and low toxic fume emissions, ablative and low char yield. Non-flammability enables Phenolic Fibreglass Grating to withstand direct flame for an extended period, without sustaining major structural damage. Fire resistance test data is available on request.

Phenolic Fibreglass Grating offers maximum fire protection, especially in working areas such as oil rigs, underground tunnels, rail subways, refineries, ship's decks, ship's life boat access gangways, walkways indoors or out.

ASTM D635-77 UL-94
Flammability Rate cm/min. <1 VO
USCG Approvals
164.040/17/0 — Phenolic 38mm (1-1/2")
164.040/16/0 — Phenolic 45mm (1-3/4")

Technical Data

Fire Safety

Compared to typical polyester, vinyl ester and epoxy FRP products, Phenolic Grating is a major improvement in reduced smoke density, reduced smoke toxicity and structural fire integrity when exposed to fire. Phenolic Grating complies with Annex 1, Part 2, 2.6.1 and 2.6.2 (smoke and toxicity testing) FTP Code.

(International Code for Application of Fire Test Procedures) issued by the International Maritime Organization. Further information on smoke and toxicity tests is available from GRP Grating Systems upon request.

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