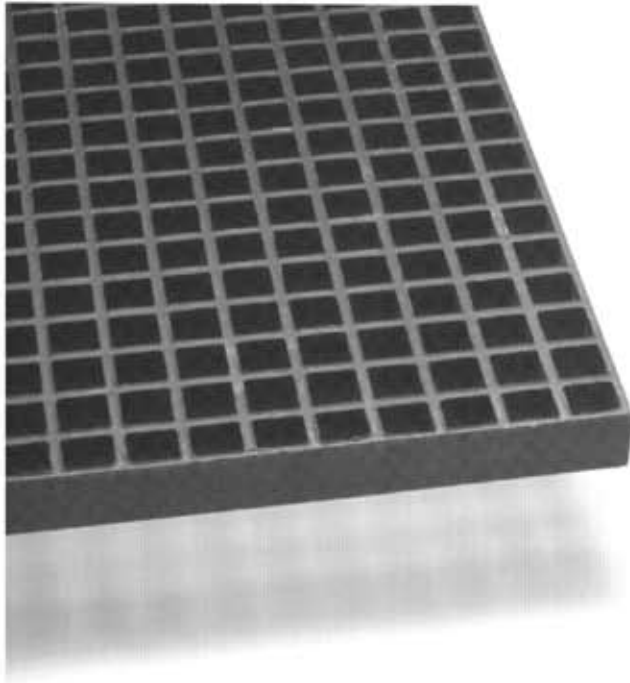




MODERN ENGINEERED PRODUCTS, INC.

Molded Fiberglass Grating



The Exide Battery Plant in Manchester, Iowa installed corrosion resistant DURAGRATE® around its tanks of sulfuric acid.

Features

DURAGRATE® molded fiberglass grating is a strong mesh grating panel which allows efficient on-site cutting to minimize grating waste. Molded in one piece with a plain concave non-slip walking surface, DURAGRATE® is the chemical resistant flooring choice for many industrial applications. Load bearing bars in both directions allow for use without continuous side support.

Molded fiberglass grating is significantly lighter in weight than metallic gratings. The high resin content (65%) provides long maintenance free performance. A higher safety factor is achieved by designing in a higher glass content at the bottom of the grating for greater tensile strength.

DURAGRATE® molded fiberglass grating has the following inherent features:

- Corrosion Resistant
- Fire Retardant
- Maintenance Free
- Lightweight
- Easy To Install
- Uniform Appearance
- Easy To Fabricate
- Impact Resistant
- Non-Conductive
- Bidirectional Load Bearing
- Cost Effective

Materials of Construction

DURAGRATE® molded fiberglass grating is composed of fiberglass rovings combined with a choice of five thermosetting resin systems.

Standard DURAGRATE® grating has a concave profile on the upper surface for skid resistance. Grit tops are available upon request.

Standard Resin Systems Available

Resin Code	Description	Resin Base	Corrosion Resistance	Standard Color*	Flame Spread Rating**
VE	Chemical Proof Fire Retardant	Vinyl Ester	Excellent	Orange or Dark Gray	Class 1 25 or less
XVE	Chemical Proof Fire Retardant	Vinyl Ester	Excellent	Dark Gray	Class 1 10 or less
PP	Industrial Grade Fire Retardant	Isophthalic	Very Good	Green or Yellow	Class 1 25 or less
GP	Architectural Grade Fire Retardant	Orthophthalic	Good	Yellow	Class 1 25 or less
FF	Food Grade Fire Retardant	Isophthalic	Very Good	Light Gray	Class 2 30 or less

*Custom Colors Available Upon Request.

** Flame Spread Rating per ASTM E-84 Tunnel Test