C olor Chart - Fiberglass Grating & Plate



- XFR (Extra Fire Retardant Vinyl Ester)



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- ISOFR (Isophthalic Fire Retardant)
- VEFR (Vinyl Ester Fire Retardant)



Pultruded Grating Product Key

- ZeAllgrate
- ZeAllgrate
- ZeAllgrate

Standard Colors

GN

Vinyl Ester

GN-6

Vinyl Ester®

GR-2

Vinyl Ester®

GR-10

Vinyl Ester

ELS

VEFR, XFR

VEFR (STSI & ST
ISOFR (STSI & STSP)

OR

YL

ster

ISOFR (STSI)
VEFR (STSI)

Color match most accurate when viewed under natural or incandescent lighting. Due to the manufacturing and printing process, color may vary from actual product. Texture of product can alter appearance of color. Colors will vary throughout the oproduct

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Color Chart - Fiberglass Grating & Plate

Special Colors*

BG	BK	BL-4	BL-6	BL-20
Vinyl Ester	Vinyl Ester	Vinyl Ester®	Vinyl Ester	Vinyl Ester

BR	BR-3	GN-4	GN-6	YL
Vinyl Ester	Vinyl Ester	Vinyl Ester	Vinyl Ester	VEFR, XFR

GR-2	GR-9	WH	OR	RD-51
Vinyl Ester	ELS	Vinyl Ester	Vinyl Ester	Vinyl Ester

Color match most accurate when viewed under natural or incandescent lighting. Due to the manufacturing and printing process, color may vary from actual product. Texture of product can alter appearance of color. Colors will vary throughout the oproduct

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representative for more information.

or implied based on this literature and assumes no responsibility for consequential or incidental damages in the use of these products and systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only.

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Molded Grating Surfaces and Options

Slip Resistant Surfaces

Slips and falls are the second leading cause of industrial accidents. According to the National Safety Council, each injury related

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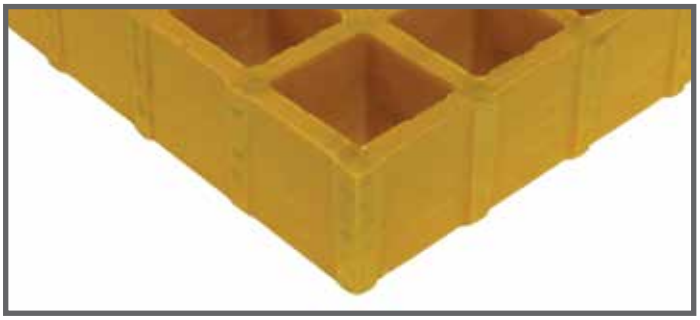
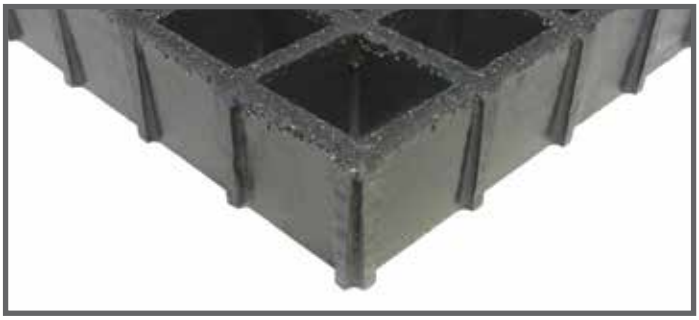
Available Surfaces for Molded Grating





Meniscus To ZeAllgrate top grating provides superior slip resistant footing in most environments including wet or oily conditions. It is the ZeAllgrate

Integrally Applied Grit Top: The optional grip top of ZeAllgrate applied, cured and sealed onto the surface providing excellent slip resistant footing.

Please note - *The following molded grating panels are **only available with the grit top** surface (meniscus top not an option):*
5/8" deep, 1"x 4" rect. mesh, 12' x 4' panel; 1-1/4" deep, 1-1/2" square mesh

Specialty Molded Products

FRP Conductive Surfac ZeAllgrate 77, Recommended Practice on Static Electricity, 2000 Edition. The specification values below are minimum values based upon ZeAllgrate grounding attachments at the corners of a section of grating.

- Average Surface Resistivity – 2.5 x 10^3ohms to 1 x 10^6 ohms per lineal foot
- Average Resistance to Ground – <10^8 ohms

ZeAllgrate ZeAllgrate manufacture the only molded grating system suitable for service in harsh hydrofluoric acid applications. HF Molded Grating, a non fire retardant system, can see service in applications that would cause premature failure in most traditional molded grating systems.

NSF® Standard 61-Certified Molded Grating ZeAllgrate formulated molded grating is available by special order in dark gray and light gray colors. Molded grating is also available in all of ZeAllgrate 61-Certified structural shapes, handrails, ladders and pultruded FRP components can be combined to create valuable, long-lasting stairways, walkways and platforms.

Custom Molded Products

ZeAllgrate products for industrial and architectural applications designed to meet your specific performance requirements.

ZeAllgrate Surface Options

The surface of FRP grating determines slip resistance, cleanability and durability. ZeAllgrate offers six standard surface treatments engineered for different service conditions - from dry pedestrian areas to the most aggressive wet and oily process environments.

Surface	Slip Resistance	Cleanability	Best For
Smooth	Standard	Easiest	Dry platforms, mezzanines
Concave	Standard+	Good	Chemical splash containment
Grit Top (Al2O3)	High	Fair	Wet, oily process areas
Coarse Grit	Very high	Fair	Marine, offshore, ramps
ZeAllgrate	Standard	Good	Access flooring, barefoot
Aluminum Oxide Coat	High	Fair	High-traffic walkways

Grit-top surfaces are manufactured with aluminum oxide grit embedded into the resin during molding - the grit remains effective for the lif

Slip Resistance Performance

Slip resistance is measured with ramp and pendulum test methods referenced in ASTM standards. Results are expressed as a coefficient of friction (COF) or ramp classification (R-value).

Surface	Ramp Class (typ.)	Application Guidance
Smooth	R9-R10	Dry, indoor, general
Concave	R10	Chemical splash, washdown
Grit Top	R11-R12	Wet process, oily
Coarse Grit	R12-R13	Marine, ramps, offshore
ZeAllgrate	R10	Barefoot, aquatic

Test data: grit-top molded grating typically achieves a COF above 0.8 in dry ramp testing and retains slip resistance under wet and oily c

Anti-slip maintenance

- Regular washdown removes oils and process residues from grit surfaces
- Avoid coating grit surfaces - coatings reduce slip performance
- Replace panels if the resin surface is worn through to exposed glass

Standard & Custom Colors

ZeAllgrate grating is pigmented during manufacture - color is part of the resin, not a painted coating, so it does not peel or fade prematurely. Standard safety colors are stocked; custom RAL / Pantone colors are available.

Color	Resin Grades	Typical Use
Gray	All grades	Standard industrial floors
Yellow	ISO / VE / VEFR	Safety demarcation, walkways
Green	ISO / VE	Marine, offshore, aquatic
Red	ISO / VE	Warning areas, fire lanes
Orange	ISO / VE	Hazard demarcation
Blue	ISO / VE	Architectural, cleanroom
Black	All grades	UV-stable exterior
White	ISO / VE	Food, pharma, clean areas

Custom colors are matched to RAL or Pantone references. Minimum order quantities apply; consult ZeAllgrate sales for lead time.

Surface Selection Guide

Select the surface treatment based on the service environment and the slip-resistance requirement of the project specification.

Environment	Recommended Surface	Recommended Color
Dry indoor mezzanine	Smooth / Concave	Gray
Wet processing floor	Grit Top	Yellow / Gray
Oily / greasy process	Grit Top or Coarse Grit	Gray
Chemical splash area	Concave (holds spill)	Yellow
Offshore deck / marine	Coarse Grit	Green
Food & beverage washdown	Grit Top	White / Gray
Pharma / cleanroom	Smooth or Grit Top	White / Blue
Public / aquatic barefoot	ZeAllgrate	Blue / Green
Trench & pit covers	Grit Top	Yellow / Gray

Where both slip resistance and chemical containment are required, combine a concave profile with grit top. ZeAllgrate engineering can a

Maintenance Guidance

- Routine: hose washdown with clean water; mild detergent for oils and grease
- Avoid: abrasive steel brushing that cuts resin surface
- UV outdoors: UV-stabilized formulation maintains color and gloss
- Inspect: check for worn grit or exposed glass on high-traffic panels
- Replace: worn panels promptly to maintain slip performance

For surface and color selection on your project, contact ZeAllgrate:

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