

Fibertred® Details



Fibergate® Resins

Corvex®: This newly improved isophthalic polyester resin system outperforms a number of competitive fiberglass and metal products and meets the requirements for corrosion resistance found in industrial, chemical processing and water/wastewater applications. [This upgraded formulation has replaced IFR, CP-84 and FS-25 resins.](#)

Standard Colors: Yellow, Dark Gray or Dark Green

Flame Spread: ASTM E84 rating of 25 or less

Certifications: DNV Type Approval No. F-16856; CFIA Acceptance; meets the USCG requirements for general fire rating*

FGI-AM: This improved food-grade isophthalic polyester resin system offers antimicrobial properties to inhibit the growth of bacteria on the surface of the composite to protect the product itself, along with the necessary corrosion resistance to meet the requirements of the food and beverage industry. This product is intended only for non-public health uses.

Standard Colors: Light Gray or Green

Flame Spread: ASTM E84 rating of 25 or less

Certifications: USDA Approvable

Vi-Corr®: A superior vinyl ester resin available only from Fibergate, Vi-Corr was developed for reliable performance in the toughest environments. It offers outstanding resistance to a wide range of highly corrosive situations, ranging from caustic to acidic. In fact, no other resin system can match Vi-Corr's performance in highly acidic environments. Vi-Corr has DNV Type approval.

Standard Colors: Orange or Dark Gray

Flame Spread: ASTM E84 rating of 25 or less

Certifications: DNV Type Approval No. F-16856; ABS Type Approval No. 01-HS34733-X; CFIA Acceptance; meets the USCG requirements for general fire rating*

XFR: This corrosion resistant vinyl ester resin system was specially designed for eXtra Fire Retardancy and combines high operating temperatures with low flame spread. XFR is DNV Type approved.

Standard Color: Dark Gray

Flame Spread: ASTM E84 rating of 10 or less, a level exceeded by no other resin system

Certifications: DNV Type Approval No. F-16856; CFIA Acceptance; meets the USCG requirements for general fire rating*

ELS: This Extra Low Smoke resin system is designed for low smoke generation. The added benefit of greater worker visibility and lower toxicity in emergencies, make ELS products ideal for tunnel, offshore, ship and other confined area applications. DNV Type approved.

Standard Color: Light Gray

Flame Spread: ASTM rating of 15, smoke density index of 70 and Fuel Contribution of 0

Certifications: DNV Type Approval No. F-16856; CFIA Acceptance; meets the USCG requirements for general fire rating*

Super Vi-Corr®: A superior grade vinyl ester resin system designed for extreme operating temperatures (180 to 400 degrees F) and extremely corrosive environments such as solvents and acidic oxidizers, specified oxidizers, including aqueous chlorine and chlorine dioxide solutions forming sodium hypochlorite. This custom resin system is used mainly as packing hold-downs (bed limiters) and as packing supports in environmental or process scrubber and stripping applications.

Standard Color: Natural-Tan to Beige

Flame Spread: Non Fire Retardant, unless specified

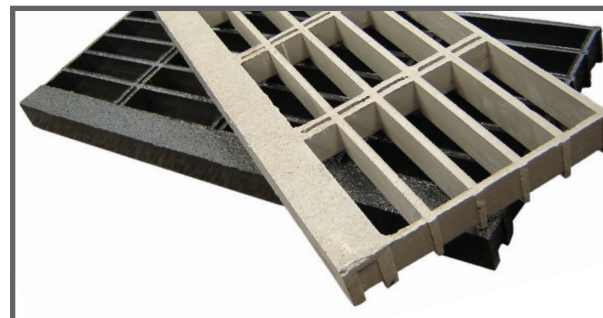
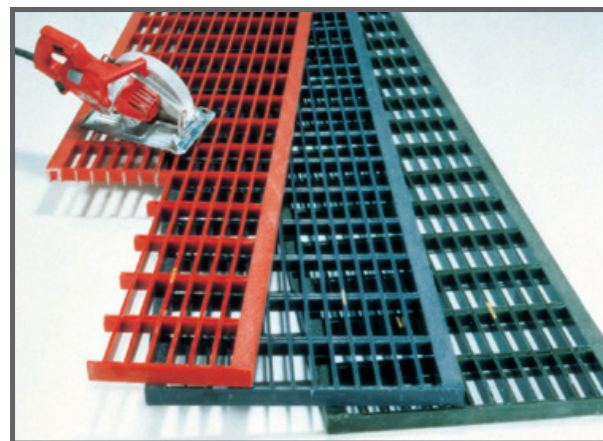
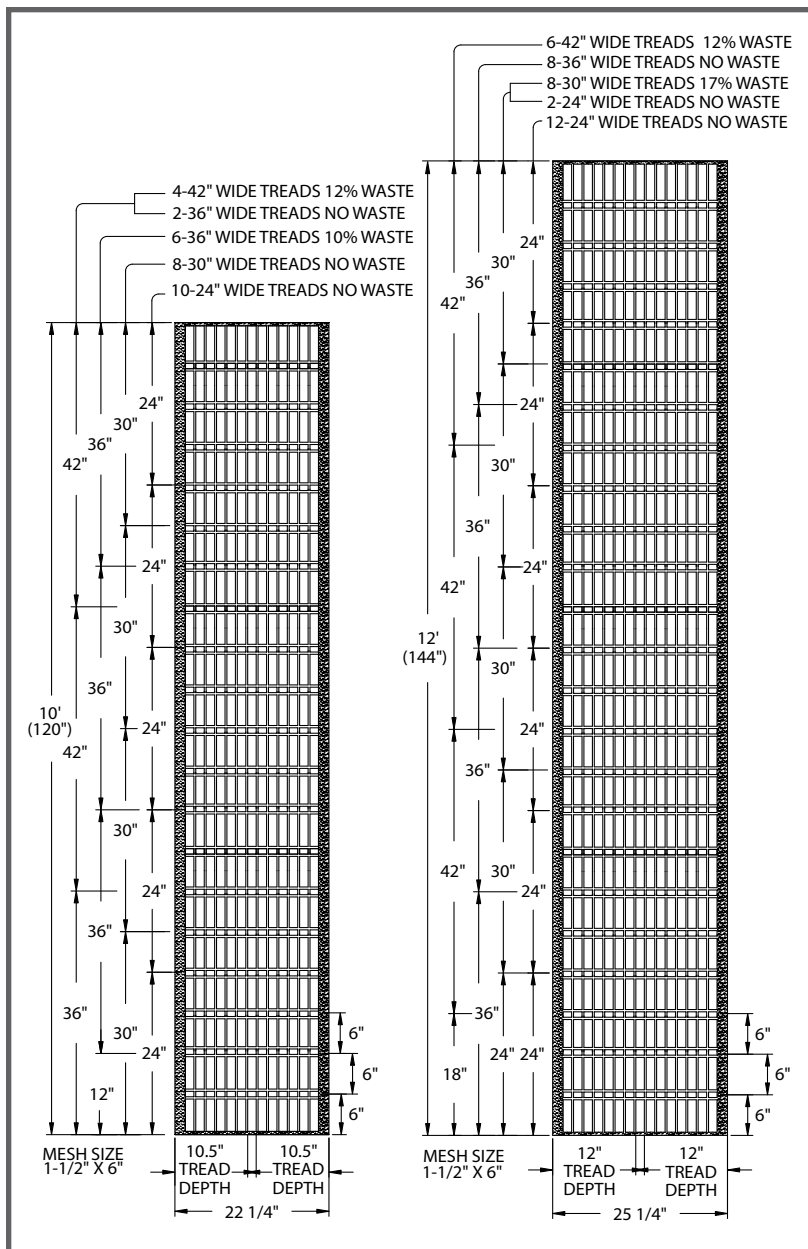
Each year industrial plant managers and executives eliminate expensive corrosion related maintenance and safety by switching from traditional wood or metallic options to Fibergate's fiberglass reinforced plastic (FRP) molded grating solutions. Fibergate's FRP molded grating offers the best corrosion resistance of any FRP grating solution currently available. Combine the inherent corrosion resistance advantages of molded grating with Fibergate's unmatched resin system offerings and you have the most effective and efficient way to attack corrosion problems in almost any facility. Fibergate produces grating, plate and stair treads in ten different standard resin systems and will gladly work with customers to tailor a resin system to their particular need.

Need a special color? No problem! Fibergate has a long history of providing custom color matches for industries from breweries and bottling to fountains, retail stores and other architectural applications. Fibergate has a full time staff of chemists available to create the custom color match for your FRP grating, plate or stair tread needs.



Fibertred® Details

Depth	Mesh	Panel Size	Weight	Open Area	Standard Surface
1-1/2"	1-1/2" x 6"	22-1/4" x 10'	60 lbs.	67%	Gritted Nosing with Meniscus Bars
1-1/2"	1-1/2" x 6"	25-1/4" x 12'	82 lbs.	Gritted Nosing with Meniscus Bars	



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