

Molded Grating Surfaces and Options

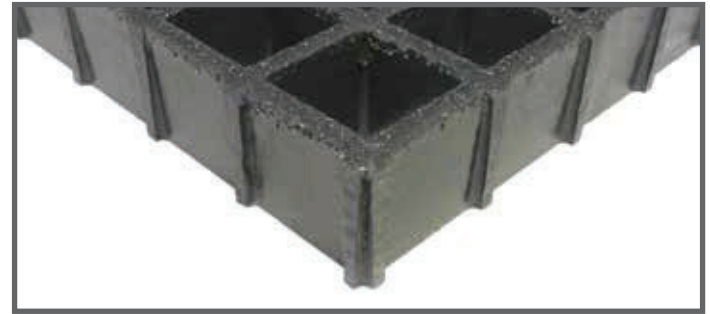
Slip Resistant Surfaces

Slips and falls are the second leading cause of industrial accidents. According to the National Safety Council, each injury related lost work day can cost \$50,000 to \$100,000. That is why Fibergrate developed two slip resistant surfaces for flooring and stair solutions. These surfaces include meniscus and integrally applied grit tops in the Fibergrate resins.

Available Surfaces for Molded Grating



Meniscus Top: The concave surface of Fibergrate® meniscus top grating provides superior slip resistant footing in most environments including wet or oily conditions. It is the standard surface for most Fibergrate molded gratings.



Integrally Applied Grit Top: The optional grip top of Fibergrate® grating has a quartz grit which is integrally 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 Surface: Fibergrate® Conductive Surface Grating properties are based on the requirements found in NFPA 77, Recommended Practice on Static Electricity, 2000 Edition. The specification values below are minimum values based upon the guidance of NFPA 77, and apply only when the product is clean and grounded. Fibergrate recommends a minimum of 4 grounding attachments at the corners of a section of grating.

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

Fibergrate HF Molded Grating: Fibergrate has combined a premium-grade vinyl ester resin and exotic reinforcements to 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 Gratings: Fibergrate now manufactures NSF Standard 61-Certified grating. NSF formulated molded grating is available by special order in dark gray and light gray colors. Molded grating is also available in all of the molded grating mesh patterns and grating thicknesses, except Ecograte® and 4 x 12 Micro-Mesh® panels. Our NSF Standard 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

Fibergrate has the capability to offer molded grating configurations designed/manufactured to meet your unique application requirements. Fibergrate's custom services include special molded grating configurations as well as custom hand-lay-up (HLU) products for industrial and architectural applications designed to meet your specific performance requirements.