

Moulded 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 USD50,000 to USD100,000. 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 Moulded Grating



Meniscus Top: The concave surface of Fibergrate® meniscus top grating provides superior slip-resistant footing in most environments including wet or oily conditions and is the standard surface for most Fibergrate moulded 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 moulded grating panels are **only available with the grit top surface** (meniscus top not an option):
16mm deep, 25mm x 102mm rect. mesh, 3658mm x 1219mm panel; 32mm deep, 38mm square mesh

Specialty Moulded Products

GRP 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 – 8.2×10^3 ohms to 3.3×10^6 ohms per lineal metre
- Average Resistance to Ground – $<10^8$ ohms

Fibergrate HF Moulded Grating: Fibergrate has combined a premium-grade vinyl ester resin and exotic reinforcements to manufacture the only Moulded grating system suitable for service in harsh hydrofluoric acid applications. HF Moulded Grating, a non fire retardant system, can see service in applications that would cause premature failure in most traditional moulded grating systems.

NSF® Standard 61-Certified Moulded Gratings: Fibergrate now manufactures NSF Standard 61-Certified grating. NSF formulated moulded grating is available by special order in dark grey and light grey colours. moulded grating is also available in all of the moulded grating mesh patterns and grating thicknesses, except Ecograte® and 1219mm x 3658mm Micro-Mesh® panels. Our NSF Standard 61-Certified structural shapes, handrails, ladders and pultruded GRP components can be combined to create valuable, long-lasting stairways, walkways and platforms.

Custom Moulded Products

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