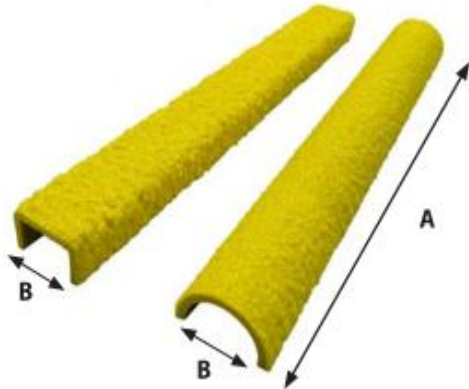




Dofiberone FRP Ladder Rung Covers

Hi Anti-slip FRP Ladder Rung Covers

Our Hi Anti-Slip Ladder Rung Covers are not load-bearing but are installed over existing rungs. They provide long lasting slip-and-fall protection in challenging indoor and outdoor environments.



Custom sizes and styles are available. The length (A) is generally up to 2”(50mm) shorter than length of the rung. If complete rung coverage is desired, confirm that no obstruction (for example: a weld bead) will interfere with seating of the rung cover.

Base Materials:
3-5mm thickness in Pultruded Fiberglass(FRP)

Max Length (A)	Standard Profiles -Diameters (B)	
48" (1,220mm)	Round FRP	FRP Channel

Recommended Fasteners

Select appropriate fastener for the substrate to be covered. Most Ladder Rung Covers are installed using Sikaflex 252 adhesive. A combination of mechanical fasteners and adhesive may be used. Mechanical fasteners can be used on large diameter, channel shaped hollow rungs. For Stainless or Galvanized Steel Covers, tack-welding is an option. Sikaflex 252 adhesive also may be used to seal edges to deter corrosion. Fasteners and pre-drilled/slotted holes are available upon request.

Recommended Fasteners	
<p>Adhesive/Sealant</p> <p>Sikaflex 252</p>	<p>Self-Drilling Screws</p> <p>For hollow metal rungs</p>



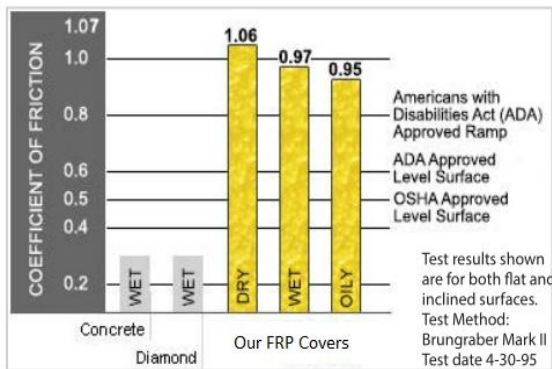
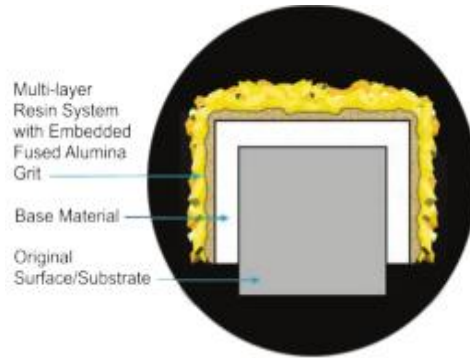
General Properties

Our FRP ladder rung cover anti-slip surface is an engineered combination of epoxy, resin, and fused alumina aggregate which is bonded to a variety of base materials.

1. Covers are not load-bearing but are installed over existing substrate with mechanical fasteners or adhesive.
2. Pre-drilled holes/slots and fasteners are available upon request.
3. After installation, Cover edges may be sealed with adhesive for corrosion protection.
4. Custom covers can be made to your specification.

Send detailed requirements to receive a free consultation and quote:

- . size and shape of item to be covered
- . base material desired
- . grit size or conditions of area to be covered
- . color plus any logo or messages desired



GRIT SIZES	
Extra Coarse	#10 Mesh
Coarse	#20 Mesh
Fine	#24 Mesh
Extra Fine	#36 Mesh
Super Fine	#54 Mesh

Fused Alumina Properties
Mohs Hardness Scale: 9.4
Comparison: Diamond: 10 Silica/Sand/Quartz: 6-7

Technical Data:		
Smoke & Flame	ASTM E648 NFPA 253	Average Critical Radiant Flux: 1.04 Watts/cm ²
	ASTM E662 NFPA 258	Average Maximum Density Corrected(Flaming): 176 Average Specific Optical at 4.0 Minutes: 187
	ASTM E84	Average Maximum Density Corrected (Non-Flaming):341 Average Specific Optical Density at 4.0 Minutes: 311 Flame Spread:20 Smoke Developed:400
Wear	Simulator:30,000 cycles,400 pounds	Little wear at end of test: Approximately 0.013 inch (0.33mm) between worn and unworn sections of Cover
Impact	Approx.138 Joules (17 lb.pendulum), 60F	Slip resistant coating detached at point of impact only. No shattering occurred.
Thermal shock	Range: (-40F to 150F)	After 20 cycles, visual inspection for cracking or melting revealed no sign of damage
Weathering	ASTM D4587	Lightness/Darkness(L*)-small change Redness/Greenness(a*)-small decrease Yellowness(b*)-slightly larger decrease Luminescence Retention (HiGlo-Traction): 100% after 158 hours 90%after 200 hours