

Revolutionary Gel-Coated FRP Seamless System



*Integrates seamlessly with Curb-It Hygienic wall protection
& Cool-It frames and openings*



**Cuts
installation
time by
30-50%**

SI-10
FRP Retrofit Panels

shield it

Seamless FRP Panels

Why Are SI-10 FRP Panels The Right Solution?

Our FRP wall panels provide a durable, scratch resistant surface that is easy to clean while providing superior moisture resistance.

Fiber reinforced polymer's corrosion-resistance and suitability in warm to subzero temperatures make it durable even in humid conditions.

Shield-It's high-performance application method and food-safe HC-Weld seams are a desirable long-lasting alternative to typical FRP panel overlays to extend service life of existing facilities.

Introducing revolutionary gluing method that eliminates:

- Troweled-on glue
- Thin FRP sheets
- Silicones
- Trims

- Warehousing
- Food Plants
- Pharmaceutical
- Indoor Farming
- Commercial Kitchens
- Beverage
- Wastewater & Utilities
- Cold Storage



**North America's premier
source of seamless
hygienic room
building products**

www.shielditsystems.com

Use SI-10 panels for wall retrofits and renovations: revolutionary gluing method and high-quality gel-coated FRP panels cut to room-specific heights with no trims or silicone make SI-10 the ideal cleanroom or cold storage wall renovation option.

SI-10 Panel Details

SI-10 FRP Panel Uses	FRP Face Options					Panel Widths	Panel Lengths	
	Name	Thickness*		Fire-Rating	Colors*			Finishes
Wall Liners	<u>Gel-coated</u> *						48" standard (narrower widths available)	Custom (up to 25')
	GA-125	0.125 inch	3.1 mm	Class A	Standard White (or color matching available)	Smooth: Matte or High Gloss		
	G-110	0.110 inch	2.8 mm					
	G-157	0.157 inch	4.0 mm	Class C				
	G-185	0.185 inch	4.7 mm					
	<u>Conventional</u>				Standard White (or limited color options)	Smooth		
	C-075	0.075 inch	1.9 mm	Class A or C				
C-090	0.090 inch	2.3 mm				Beaded		

*Gel-coated panels are UV-resistant; additional thicknesses (Class C) of Gelcoated FRP and color samples available upon request

SI-10 fiberglass reinforced panels can be used to retrofit existing walls. Gel-coated panels are cut to length per your room height(s) and the finished product looks like a newly built room, not a repair. Shield-It's unique installation process is faster and better than typical FRP wall retrofits – producing a strong and secure bond and eliminating trims and caulks that can harbor bacteria and require ongoing maintenance. SI-10 is a great solution for extending the service life of an existing building with a durable and fresh look.

How Shield-It SI-10 Panels Compare to Address Deteriorated IMP Walls

Features	Shield-It SI-10 FRP Panel Retrofit	Typical Fix: 4' x 8' FRP Sheet Retrofit	Full Replacement: Panel Walls
Extends existing service life	X	X	--
No demolition required	X	X	--
FRP - high durability	X	X	--
Specially formulated adhesive	X	--	--
No trims, holes, or penetrations	X	--	X
No silicones or urethanes	X	--	--
Shortest facility downtime	X	--	--
Lowest maintenance	X	--	--
Looks like a repair	--	X	--
Highest cost	--	--	X



Make it completely seamless with these products from Shield-It-Systems



FRP Panel walls and ceilings where surface durability and high performance are desired. Eliminates silicones and urethanes. Excellent for either new construction or retrofits.



The only modular curb manufactured in the U.S. Fast installation gets your facility in production quickly. FRP provides ideal durability and cleanability.



Made-to-measure FRP doors, windows, and conveyor openings. Patented door frame installation system with no exposed fasteners. Double-glazed windows designed to eliminate condensation.



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