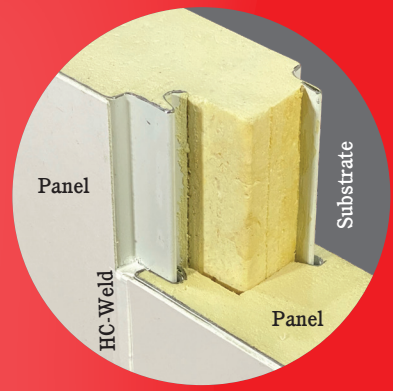


# Revolutionary Gel-Coated FRP Seamless System



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



*Food Processing Plant somewhere in the USA*

SI-45 can be used for *New Construction or Retrofits*

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



## SI-45

**2" to 6" Insulated Gel-coated  
FRP Panels**

# shield it

Seamless FRP Panels

### Why Are SI-45 FRP Panels The Right Solution?

Our FRP wall and ceiling 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 FRP panels have the best performance of Insulated FRP panels on the market. Our food-safe HC-Weld panel seams are a desirable no-maintenance alternative to silicones and polyurethane sealants.

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

[www.shielditsystems.com](http://www.shielditsystems.com)

Use SI-45 panels for insulated walls and ceilings in new construction or retrofits: Stand-alone walls are 4" to 6"; liner walls can be 2" or 3". Walk-on ceilings are 4" to 6", non-walk-on ceilings can be 2" or 3"

**SI-45 Panel Details**

SI-45 Insulated FRP Panel Uses	Panel Thickness*	FRP Face Options (Class A) for any panel use or size	Finish*	Liners FRP one side	Partitions FRP both sides	Panel Width	Panel Length	Maximum Length
Walls: Stand-alone	4", 5" or 6"	GA-125: 0.125-inch → C-090: 0.090-inch → C-075: 0.075-inch →	Gel-coated Smooth: Matte or High Gloss Conventional Beaded Conventional Smooth	X	X	44"	Customer Specified	< 25' recommended 40' maximum
Walls: Liners	2", 3" - 6"			X				
Ceilings: Walk-on	4", 5" or 6"			X				
Ceilings: Non-walk-on	2" or 3"			X				10' max. for walk-on 16' maximum

\*R-8 insulation value per inch thickness; gel-coated panels are UV-resistant; standard white or color options

Shield-It Fiberglass reinforced panels are used on walls and ceilings. It is normally free standing, but can go against solid surfaces as well. They provide a durable, scratch resistant surface, easy to clean panel and provides superior moisture resistance. They are great products to be used in food processing plants, clean rooms, healthcare facilities or in any commercial space where surface durability and high performance are desired.

**Shield-It SI-45 Panels vs. Insulated Metal Panels**

Features	Shield-It SI-45 FRP	Painted IMP	Stainless IMP
Insulated	X	X	X
Custom lengths	X	X	X
White (ideal for lighting)	X	X	--
No paints	X	--	X
No oxidation	X	--	--
No Corrosion	X	--	--
No silicones or urethanes	X	--	--
Lowest maintenance	X	--	--
Highest cleanability	X	--	--
Scratch-resistant	X	--	--



South Valley Water Reclamation Facility



Nelson Pharmaceutical Labs

**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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