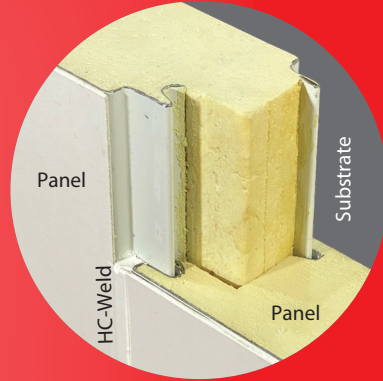


Revolutionary Gel-Coated FRP Seamless System



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

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

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 General Product Information: Class "A" or "C" FRP Options

SI-45 Insulated FRP Panel Uses	Panel Thickness*	FRP Face Options (Class A or C) for any panel use or size	Liners FRP one side	Partitions FRP both sides	Panel Width	Panel Length	Maximum Length**
Walls: Stand-alone	3", 4", 5", 6", 8"	0.090" inch (2.3 mm) Standard Smooth or Beaded FRP	X	X	40"	Customer Specified	< 25' recommended 30' maximum
Walls: Liners	2.5", 3" or > 4"		X				
Ceilings: Walk-on	4", 5" or 6"		X				10' max. for walk-on 16' maximum
Ceilings: Non-walk-on	2.5" or 3"		X				

*R-7.1 insulation value per inch thickness, standard white or color options

**Allow for 1-1/2" gap between ceiling panel lengths for support tees

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