



.090 FireRated (FRP) Liner Panel

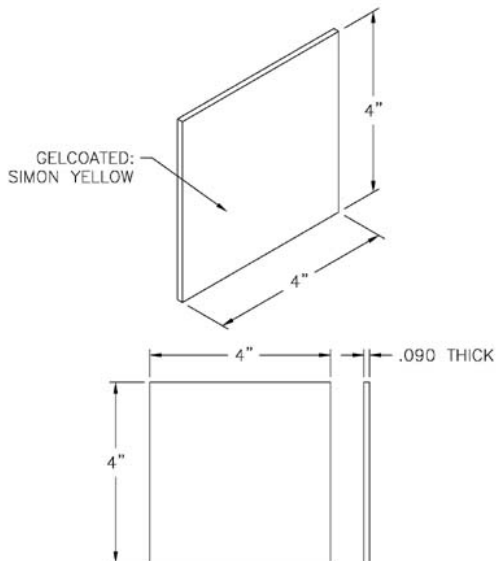
Liner Panels are fiberglass reinforced plastic (FRP) liner panels (no substrate backer) ideal for new or retrofit construction. Liner panels combine custom blended polyester resins with specially engineered glass fibers to produce durable, easily maintainable with exceptional physical and mechanical properties. Liner Panels meet the specifications required for a professional and attractive door.



Product No.	Thickness/Description	Size
LP-S9-FR	.090" Smooth Fire-Rated	4'x8'

Features

- ❖ Strong, shatter resistant, textured or Smooth surface resists scratches.
- ❖ Thermal shock and chemically resistant.
- ❖ Cleans with steam, detergent and water or high pressure sprayers.
- ❖ 100% moisture resistant.
- ❖ USDA and Agriculture certified.
- ❖ Installs directly to a solid wall of plasterboard, masonry, wood or metal.
- ❖ Class (A) or (C) Fire-rated surface.



Part No.	Fire Rated FRP Plate	Supplied size in Length			
151		.090"x4'x8'			
SPECIFICATIONS					
Liner Panels					
Class C	.090 thickness	Sheets			
	Product No. LP-F9 .090"				
		4'x8'	4'x9'	4'x10'	4'x12'
Smooth White	*		*		*
Class A	.090 thickness	Sheets			
	Product No. LP-F9-FR .090" Fire-Rated				
Smooth White	*		*		
Physical and Engineering Properties of Fiberglass .090"					
		LP-F9 .090"	LP-F9-FR .090"		
		CLASS C		CLASS A	
	ASTM No.	Value/Units		Value/Units	
Barcol Hardness	2583, 934-1	40 Avg.		35 Avg.	
Flexural Strength	D790	17,000 psi		10,000 psi	
Flexural Modules	D790	6 million psi		3.1x10 psi	
Compressive Strength	D695	16,000psi		7,000 psi	
Compressive Modules	D695	8.8 million psi		3.6x10 psi	
Tensile Strength	D638	8,000psi		7,000 psi	
Elongation	D 638	1.20%		1.80%	
Water Absorption	D570	.17% at 72 Hrs		.72% at 72 Hrs	
IZOD Impact	D256	7.0 ft lbs/in.		7.16 ft lbs/in.	
Flame Spread Index	E84-81A	175		25	
Smoke Developed Value	E84-81A	270		335	
Fire-Rating Class		C		A	