PSL INDUSTRIAL

FRP WALL & CEILING PANEL

HIGHLIGHS

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 Canada certified

Installs as drop-in ceiling panels

FRP WALL & CEILING PANEL

NEW GENERATION OF WALL PROTECTION

FRP wall and ceiling panels are a new generation of Fiberglass reinforced liner panels. Engineered to provide maximum chemical and impact resistance as well as sanitation protection with minimum maintenance, without the high cost of other materials. FRP Panels have been designed with unique surface and physical characteristics to increase performance in the following areas: physical properties, chemical resistance, sanitation protection, UV protection, and panel discoloration.

SANITATION PROTECTION/CLEAN WITH EASE

Our unique surface design offer, wider spaced out peaks and valleys textures as well as a Gel Coat surface which allows impeded dirt and bacteria to be easily cleaned from the crevasses without any scrubbing or brushing required. Using your Vinyl Molding and Sealants during installation you can create a watertight surface. This makes our panels mold and mildew resistant suitable for meat facilities, carwashes, and laboratories.

TOUGH!

FRP Panels feature higher quality resins and increased fiberglass content, which increases its physical properties and lowers the filler content over other leading FRP brands. Our liners provide resistance against abrasions, scratches, impacts, and shattering. The panels can be used in a wide array of applications from a sanitation wall surface in a kitchen to a tough impact resistant wainscoting in warehouses to protect against forklift damages.

MAXIMUM CHEMICAL RESISTANCE

With higher quality resins and gel coat surfaces, not only does it make our panels TOUGH! But it also increases the chemical and corrosion resistance, making them resilient to almost all chemicals and stains. The gel coat surface and UV inhibitors create a UV resistant surface causing the panel to stay its original color longer with no fading and deteriorating from its original form. This makes our product suite the needs of chemical plants, agricultural facilities and other types of severe environments.

VINYL MOLDINGS

V-1 Cap

V-3 Division Bar

V-5 inside Corner

V-7 Outside Corner

V-123 Outside Corner

V-117 "T" Bar

TYPICAL PHYSICAL PROPERTIES (Our stock thicknesses are are .090")

Property	Test Method	Unit	Class III/C Results	Class I/A Results
Abrasion Resistance	TABOR W/L	% WT Loss	0.251	0.358
Flexural Strength	ASTM D-790	PSI	17,000	10,000
Flexural Modules	ASTM D-790	PSI	6.0X10 5	3.1X10 5
Tensile Strength	ASTM D-638	PSI	8,000	7,000
Tensile Modulus	ASTM D-638	PSI	9.43x10 5	3.6x10 5
Barcol Hardness	ASTM D-2583	Avg.	50	35
Water Absorption 21c@72hrs.	ASTM D-570	%	0.17	0.72
Flame Spread	ASTM E-84	N/A	<150	<25
Smoke Generation	ASTM E-84	N/A	<270	<335

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