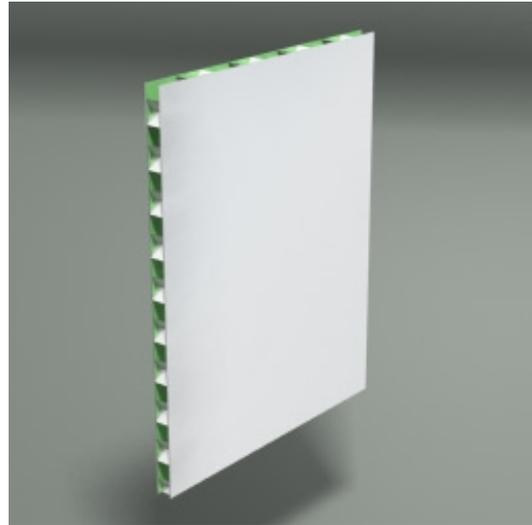


Webb Core Static Control Aluminum Panels

Aluminum construction along with aluminum honeycomb core provides a sandwich structure with both surface smoothness and a strength enabling spans of 12'-0". This rigid structure utilizes any batten type panel retainer framing system with vertical studs 4'-0" o.c. (See Figure 1)

Panel Dimensions and Weight

Weight: 1.1 lbs./sq. ft.
 Length: 96, 108, 144 inches
 Width: 48 inches
 Thickness: .25 inches thru 3 inches +/- .008"



Static Control and Low Outgassing

The spec stat epoxy coating provides an attractive, low out gassing finish. Surface Resistivity of 10^7 - 10^9 ohms/ sq. produces low particle attraction and good Electrostatic Discharge (ESD).

Figure1

Performance Tests

Surface Resistivity: 10^{7-9} ohms/sq.
 ASTM D257
 Climbing Drum Peel: 12 in. lb./3 in.
 Mil-STD-401
 Flatwise Tensile: 300 PSI
 Mil-STD-401
 Outgassing: * ≤ 15 ppm/mg

Surface Resistivity 10^7 to 10^9 ohms/sq.
 Electrostatic decay *
 Adhesion (ASTM D3359) 5B
 Film Hardness (ASTM D3363) 2-3H
 Tabor Abrasion
 (ASTM D4060 CS10, 100 Cycles) 6.0 mg max.
 Impact (ASTM D2794 2 lb., 1/2" Ball) 12 in-lbs. min.
 Flexibility (ASTM D1737) >3T
 Outgassing max. .06 ppm/mg
 * NOT AVAILABLE

*See attached outgassing analysis in the Misc. section of this binder

Epoxy Coating Specification

CHEMICAL RESISTANCE

Chemical	Strength	Time of Exposure					
		10'	1 hr	3 hr	5 hr	8 hr	24 hr
Sulfuric Acid	50%	0	0	0	0	0	0
Nitric Acid	50%	0	0	1	1	2	3
Hydrofluoric Acid	50%	3	3	3	3	3	3
Ammonium Hydr.	30%	0	0	0	0	0	0
Sodium Hydroxide	50%	0	0	0	0	1	2
Hydrogen Peroxide	30%	0	0	0	0	1	3
Acetone	100%	0	0	0	0	0	0
Xylene	100%	0	0	0	0	0	0

0 - No Attack

1 - Surface slightly whitened

2 - Slightly Whiter than 1

3 - Attacked - blistering

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