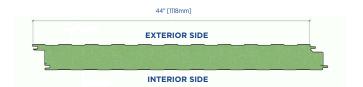


- Versatile panel that can be configured as partition walls or ceiling panels
- Bright, clean uniform surface that is durable and washable
- Can be incorporated with other AWIP panels, accessories, and products for a complete system for controlled environment applications



Product Specifications

Profile	Exterior Embossed, Lightly Planked, Mesa Rib, Optional Flat							
	Interior		Embossed,	Lightly Planke	d, Mesa Rib, F	lat		
Exterior Face Skin	26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 304 2B Stainless Steel							
Interior Face Skin	26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 304 2B Stainless Steel							
Panel Module**	44" [1118mm]							
Lengths**	Minimum: 8' [2.44m], Maximum: 50' [15.24m]							
Side Lap	Double Tongue and Groove							
GWP	Available Upon Request							
Core Type	InnovaCELL Technology							
Thermal Performance [†]								
Thickness	2" [51mm]	2.5" [64mm]	3" [76mm]	4" [102mm]	5" [127mm]	6" [152mm]	8" [203mm]	
R-Value @ 75°F mean (°F·ft2·h/BTU)	16	20	24	32	40	48	64	
U-Value @ 75°F mean (BTU/°F·ft2·h)‡	0.068	0.054	0.046	0.035	0.029	0.025	0.019	
R-Value @ 35°F mean (°F·ft2·h/BTU)	17	21.25	25.5	34	42.5	51	68	
U-Value @ 35°F mean (BTU/°F·ft2·h):	0.063	0.050	0.042	0.032	0.026	0.022	0.016	



^{*} For interior applications only ** Contact AWIP for Custom Sizes

[†] R-values as tested per ASTM C518

[‡] U-values as tested per ASTM C1363

Testing & Approvals

Category	Test	Test Title	Results			
Fire	FM 4882	Class 1 Interior Wall and Ceiling Materials or Systems for Smoke Sensitive Occupancies	Pending			
	FM 4880	Class 1 Fire Rating of Insulated Wall, Ceiling and Roof Panels	Passed: Class 1 Fire Rating of Building Panels or Interior Finish Material			
	ASTM E84	Surface Burning Characteristics of Building Materials	Flame Spread Index: 25 or less Smoke Developed Index: 450 or less			
	NFPA 286	Room Fire Growth for Wall and Ceiling Interior	Passed			
	CAN/ULC S101 - 15 min	Fire Endurance	Maximum 6" [152mm] thickness. Vertical and horizontal orientations			
	CAN/ULC S102	Flame Spread/Smoke Developed	FSI ≤ 20, SDI ≤ 195			
	CAN/ULC S138	Room Corner Test	Maximum 6" [152mm] thickness			
Water Penetration	ASTM E331	Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference	No uncontrolled water penetration at 20 PSF differential pressure for a duration of 2-hours			
Air Infiltration	ASTM E283	Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors	<0.01 CFM/ft2 of Panel Area at 20 PSF			
Structural -	ASTM E72	Standard Test Methods of Conducting Strength Tests of Panels for Building Construction	See Span Tables			
	ASTM E1592	Structural Performance for Sheet Metal and Sidings Systems by Uniform Static Air Pressure Difference	See Span Tables			
Thermal	ASTM C518	Steady-State Thermal Transmission	Nominal R-value of 8.0 [hr·ft2·°F/BTU] per inch at 75°F mean temperature and 8.5 [hr·ft2·°F/ BTU] per inch at 35°F mean temperature			
	ASTM C1363	Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus	U-values are tested with 2",4" and 8" thicknesses. U-values for other thicknesses are interpolated. See U-values in the table on page 1			



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