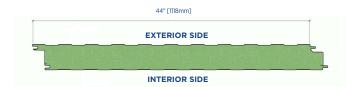


- Versatile panel that can be configured as partition walls or ceiling panels
- Bright, clean uniform surface that is durable and washable
- Can be incorporated with other AWIP panels, accessories, and products for a complete system for controlled environment applications



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 | Passed | | | |
| | 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" 6" and 8" thicknesses. U-values for other thicknesses are interpolated. See U-values in the table on page 1 | | | |



Scan for the most current product information

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