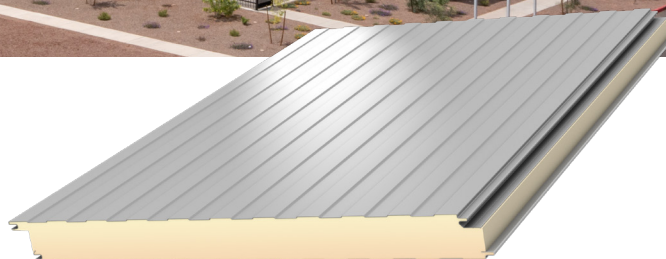




## Features & Benefits

- Wider modules reduce number of panels and is ideal for commercial, industrial, and controlled environment applications
- Composite panel simplifies design, reduces complexity, improves efficiency and reduces installation costs
- Single component wall design includes clean aesthetic, thermal barrier, and washable surfaces
- Provides long-term thermal, moisture and vapor transmission performance
- Colors: Regal White, Surrey Beige, and Sandstone (any other color requires 15,000 sq. ft. minimum)



## Product Specifications±

| Profile                            | Exterior   |            | Embossed, Lightly Planked, Mesa Rib |           |           |           |           |
|------------------------------------|--|------------|-------------------------------------|-----------|-----------|-----------|-----------|
|                                    | Interior   |            | Embossed, Lightly Planked, Mesa Rib |           |           |           |           |
| 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±                               | 5.6 to 10.5 Lb CO <sub>2</sub> eq/ft² [27.2 to 51.2 kg CO <sub>2</sub> eq/m²]      |            |                                     |           |           |           |           |
| Core Type                          | Polyisocyanurate/ PIR  |            |                                     |           |           |           |           |
| Thermal Performance <sup>†</sup>   |  |            |                                     |           |           |           |           |
| 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) | 14.4   | 18.0       | 21.6                                | 28.8      | 36.0      | 43.2      | 57.6      |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.102  | 0.088      | 0.073                               | 0.044     | 0.033     | 0.022     | 0.023     |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 16.4   | 20.5       | 24.6                                | 32.8      | 41.0      | 49.2      | 65.6      |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.093  | 0.078      | 0.064                               | 0.034     | 0.027     | 0.020     | 0.018     |

\* For interior applications only

\*\* Contact AWIP for Custom Sizes

† R-values as tested per ASTM C518

‡ U-values as tested per ASTM C1363

± Per EPD based on TRACI method from cradle to gate(A1-A3). Lower range based on 2" 26/26 gauge panel. Higher limit based on 6" 22/22 gauge panel. Not all profiles are available in these specific configurations, contact AWIP for more information.

1 (888) 970-AWIP (2947)  
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**All Weather**  
Insulated Panels

## Testing & Approvals

| Category          | Test                  | Test Title  | Results  |
|-------------------|-----------------------|---|--|
| Fire              | ASTM E84              | Surface Burning Characteristics of Building Materials   | Flame Spread Index: 25 or less<br>Smoke Developed Index: 450 or less   |
|                   | NFPA 285              | Evaluation of Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies                         | Passed   |
|                   | NFPA 286              | Room Fire Growth for Wall and Ceiling Interior  | Passed   |
|                   | NFPA 268              | Standard Test Method for Determining Ignitability of Exterior Wall Assemblies Using a Radiant Heat Energy Source    | Assembly tested meets the requirements of the standard   |
|                   | CAN/ULC S101 - 15 min | Fire Endurance  | Maximum 6"[152mm] thick. Vertical and horizontal orientations  |
|                   | CAN/ULC S102          | Flame Spread/Smoke Developed  | FSI $\leq$ 20, SDI $\leq$ 195  |
|                   | CAN/ULC S134          | Exterior Wall Assembly  | Maximum 6"[152mm] thick. Vertical orientations   |
|                   | CAN/ULC S138          | Room Corner Test  | Maximum 6"[152mm] thick. Vertical and horizontal orientations  |
| 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/ft <sup>2</sup> 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 7.2 [hr·ft <sup>2</sup> ·°F/Btu] per inch at 75°F mean temperature and 8.2 [hr·ft <sup>2</sup> ·°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                 |



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