

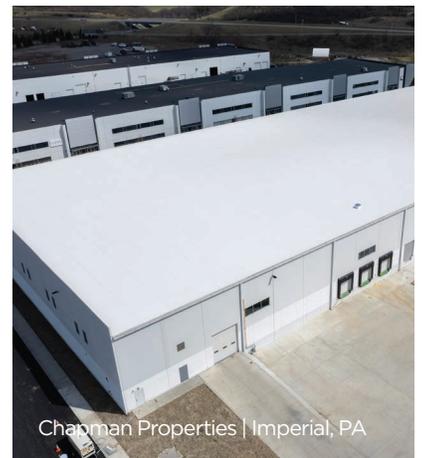
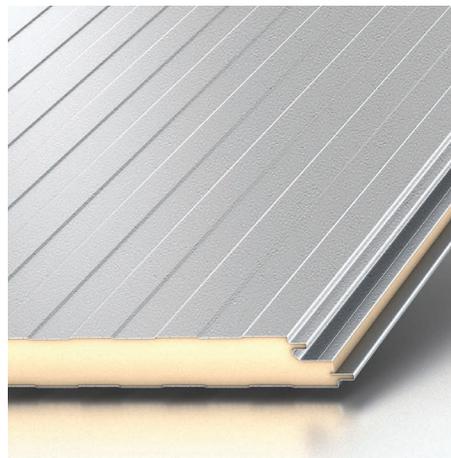
All Weather Insulated Panels

Transform your built environment with insulated metal panels



All Weather
Insulated Panels

Your vision. Our purpose.



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At press time, all the information in this brochure was deemed accurate. To confirm the most recent product details, navigate to our website using the QR codes on each page.

All Weather Insulated Panels

Your vision. Our purpose.

All Weather Insulated Panels, an industry leader in insulated wall, roof and deck systems, has pioneered the development of insulated metal panels for use in commercial, industrial and temperature-controlled environments.

Our purpose at All Weather Insulated Panels is to deliver products and services that are tailored to fit your vision.

YOUR MARKET.

A Customer First approach. A purpose-built team. Three world-class manufacturing facilities in California, Arkansas and now, Pennsylvania. All Weather Insulated Panels is distinctly positioned to support your design intent, performance requirements and sustainability goals with our industry-leading lineup of insulated wall, roof and deck systems.

YOUR NEEDS.

Exceptional service, a national presence and proven experience in meeting all design requirements set our sustainable insulated wall, roof and deck systems apart from the alternatives. Our laser focus on customers' most pressing demands reinforces our brand commitment to innovation, teamwork and accountability.

YOUR SCHEDULE.

When it comes to addressing supply-chain issues and solving project-specific details, All Weather Insulated Panels prioritizes its customers' convenience above all else. With reliable technical support, superior customer service and quick shipping turnarounds, we deliver on partnership, performance and project objectives.

3

world class manufacturing facilities are uniquely positioned to effectively service North America.

VACAVILLE, CA
LITTLE ROCK, AR
EAST STROUDSBURG, PA



220+

highly technical and resourceful employees working with you through your projects' lifecycle.

OUR VALUES:
ACCOUNTABILITY
COURAGE
INNOVATION
TEAMWORK
INTEGRITY

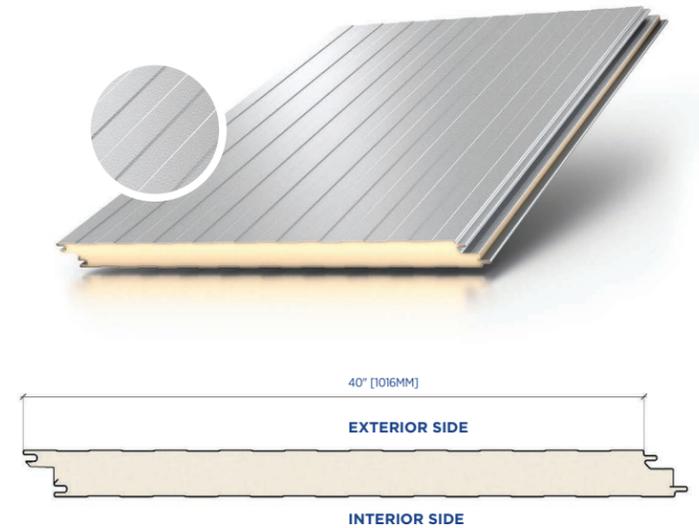


Mesa DM40 Wall Panel

An economical choice for exterior and interior industrial, commercial and controlled environment facilities. The embossed, lightly planked surface delivers subtle shadow lines.

Features and Benefits

- Highly efficient and flexible insulated metal panel design is ideal for commercial, industrial and controlled environment applications
- Provides long-term thermal, moisture and vapor transmission performance
- Panel joinery is designed to permit installation of the panel vertically or horizontally
- Composite panel simplifies design, reduces complexity, improves efficiency and reduces installation costs
- Single component wall design includes exterior aesthetic, weather barrier, insulation and vapor barrier



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 3042B Stainless Steel* | | | | | | |
| Interior Face Skin | 26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 3042B Stainless Steel | | | | | | |
| Panel Module** | 40"[1016mm] | | | | | | |
| Lengths** | Minimum 8'[2.44m], Maximum: 50'[15.24m] | | | | | | |
| Side Lap | Double Tongue and Groove | | | | | | |
| 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) | 14 | 18 | 21 | 28 | 36 | 43 | 57 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.069 | 0.056 | 0.046 | 0.035 | 0.028 | 0.023 | 0.017 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 16 | 20 | 24 | 32 | 41 | 49 | 65 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.061 | 0.049 | 0.041 | 0.031 | 0.024 | 0.020 | 0.015 |

* For interior applications only
 ** Contact AWIP for custom sizes
 † Thermal values as tested per ASTM C518

Wall Products

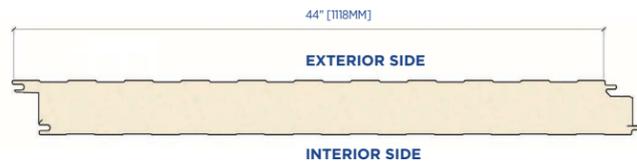


Mesa DM44 Wall Panel

Designed for interior partition walls in commercial, industrial and controlled environment facilities, the Mesa (DM44) is 44" wide and reduces installation costs. DM44 is available in PVC and stainless steel finishes for washdown areas.

Features and Benefits

- Wider modules reduce number of panels and are ideal for interior partition walls
- Composite panel simplifies design, reduces complexity, improves efficiency and reduces installation costs
- Single component wall design includes clean aesthetic, thermal barrier and washable surfaces
- 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 | | | | | |
| | 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 | | | | | | |
| 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) | 14 | 18 | 21 | 28 | 36 | 43 | 57 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.069 | 0.056 | 0.046 | 0.035 | 0.028 | 0.023 | 0.017 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 16 | 20 | 24 | 32 | 41 | 49 | 65 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.061 | 0.049 | 0.041 | 0.031 | 0.024 | 0.020 | 0.015 |

* For interior applications only
 ** Contact AWIP for custom sizes
 † Thermal values as tested per ASTM C518

FL40/FL36 Flat Wall Panel

The clean flush finish of the FL panels delivers a flat monolithic uninterrupted look to your facade. These flat panels can also be mixed with other profiles to create unique banding and shadow lines on your project.

Features and Benefits

- Panel joinery design allows for vertical or horizontal installation
- Highly efficient and flexible insulated metal panel design is ideal for commercial, industrial and controlled environment applications
- Smooth monolithic aesthetic is an economical enhancement to exterior facades
- Composite design requires one-step installation reducing construction time and costs
- Single component wall design includes exterior aesthetic, weather barrier, insulation and vapor barrier



Product Specifications

| | | | |
|---|---|-------------------------------------|----------|
| Profile | Exterior | Embossed, Flat | |
| | Interior | Embossed, Lightly Planked, Mesa Rib | |
| Exterior Face Skin | 22 Gauge G90/AZ50 | | |
| Interior Face Skin | 26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 304 2B Stainless Steel | | |
| Panel Module* | 40"[1016mm] or 36"[914.4mm] | | |
| Lengths* | Minimum: 8'[2.44m], Maximum: 40'[12.19m] | | |
| Side Lap | Double Tongue and Groove | | |
| Thermal Performance† | | | |
| Thickness | 2"[51mm] | 2.5"[64mm] | 3"[76mm] |
| R-Value @ 75°F mean (°F·ft²·h/BTU) | 14 | 18 | 21 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.069 | 0.056 | 0.046 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 16 | 20 | 24 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.061 | 0.049 | 0.041 |

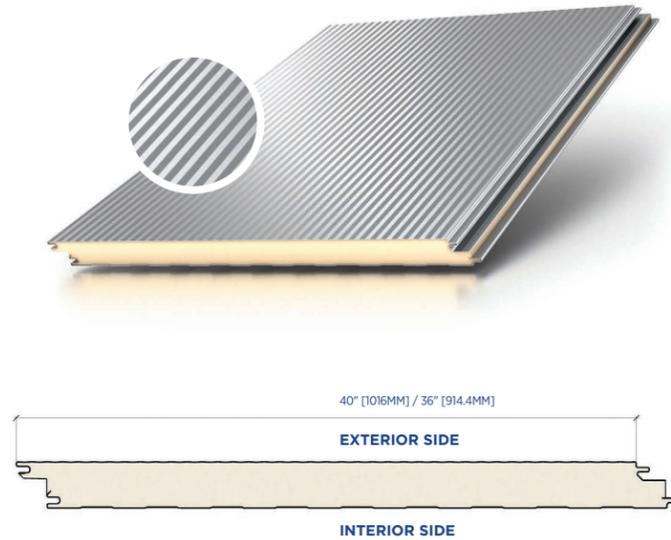
* Contact AWIP for custom sizes
 † Thermal values as tested per ASTM C518
Note: Minimum quantities may be required for 36" module panels. Contact your local sales representative for more information.

ST40/ST36 Striated Wall Panel

Slight striations on these panels yield an attractive modern look while adding rigidity to the metal surface. The striations also cast faint, playful shadow lines for your facade and can offer contrast when used with flat or other profiled panels.

Features and Benefits

- The panel's overlapping joint is self-aligning and allows for easy sealant application at the panel joinery
- The standard exterior metal surface is embossed 24 gauge G-90/AZ50 steel with standard PVDF and SMP exterior coatings. (Other coatings may be available.)
- Slight undulations in the exterior surface ripple light and limit appearance of surface imperfections
- Composite panel simplifies design, reduces complexity, improves efficiency and reduces installation costs



Product Specifications

| Profile | Exterior | Embossed, Striated | | |
|------------------------------------|---|-------------------------------------|-----------|--------------|
| | Interior | Embossed, Lightly Planked, Mesa Rib | | |
| Exterior Face Skin | 24 Gauge G90/AZ50, Optional Gauges: 22 G90/AZ50 | | | |
| Interior Face Skin | 26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 304 2B Stainless Steel | | | |
| Panel Module* | 40" [1016mm] or 36" [914.4mm] | | | |
| Lengths* | Minimum: 8' [2.44m], Maximum: 40' [12.19m] | | | |
| Side Lap | Double Tongue and Groove | | | |
| Thermal Performance† | | | | |
| Thickness | 2" [51mm] | 2.5" [64mm] | 3" [76mm] | 4" [101.6mm] |
| R-Value @ 75°F mean (°F·ft²·h/BTU) | 14 | 18 | 21 | 28 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.069 | 0.056 | 0.046 | 0.035 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 16 | 20 | 24 | 32 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.061 | 0.049 | 0.041 | 0.031 |

* Contact AWIP for custom sizes

† Thermal values as tested per ASTM C518

Note: Minimum quantities may be required for 36" module panels. Contact your local sales representative for more information.

HE40 Heavy Embossed Wall Panel

The multi-step surface embossment on these panels can deliver a distinctive look on your facade. This panel can be combined with other profiles, such as flat, to further highlight the rugged surface of this profile.

Features and Benefits

- Heavy embossment adds texture to the surface and offers a patterned flat appearance
- The panel's overlapping joint is self-aligning and available with factory or field sealant application within the panel joinery
- Irregular surface pattern mimics a light stucco texture
- Single component wall design includes exterior aesthetic, weather barrier, insulation and vapor barrier



Product Specifications

| Profile | Exterior | Heavy Embossed | | |
|------------------------------------|---|-------------------------------------|-----------|--------------|
| | Interior | Embossed, Lightly Planked, Mesa Rib | | |
| Exterior Face Skin | 24 Gauge G90/AZ50 | | | |
| Interior Face Skin | 26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 304 2B Stainless Steel | | | |
| Panel Module* | 40" [1016mm] | | | |
| Lengths* | Minimum: 8' [2.44m], Maximum: 40' [12.19m] | | | |
| Side Lap | Double Tongue and Groove | | | |
| Thermal Performance† | | | | |
| Thickness | 2" [51mm] | 2.5" [64mm] | 3" [76mm] | 4" [101.6mm] |
| R-Value @ 75°F mean (°F·ft²·h/BTU) | 14 | 18 | 21 | 28 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.069 | 0.056 | 0.046 | 0.035 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 16 | 20 | 24 | 32 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.061 | 0.049 | 0.041 | 0.031 |

* Contact AWIP for custom sizes

† Thermal values as tested per ASTM C518

HE40A AdobeTexture® Wall Panel

The AdobeTexture wall panels give you all the benefits and simplicity of an insulated panel with the look and feel of a troweled stucco-like finish. The multi-step surface texturing and finishing is done in a controlled factory environment and the panels are shipped to site ready to install, no field painting or troweling required.

Features and Benefits

- AdobeTexture integrates a stucco look and texture into insulated metal wall panels
- Eliminates the need for sprayed elastomeric coating applications, multi-step field application or additional factory-applied stucco coating
- Matching AdobeTexture trim and finishing system for a clean, continuous look and feel
- Same easy, economical installation as standard IMP wall panels (arrives on site in one piece for a simple one-step installation)
- 25-year limited paint warranty against chalking, fading and loss of adhesion



Product Specifications

| | | | | |
|---|--|---|-----------|--------------|
| Profile | Exterior | AdobeTexture, Flat Troweled Stucco Appearance | | |
| | Interior | Embossed, Lightly Planked, Mesa Rib | | |
| Exterior Face Skin | 24 Gauge G90/AZ50, Optional Gauge: 22 G90/AZ50 | | | |
| Interior Face Skin | 26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50 | | | |
| Panel Module* | 40" [1016mm] | | | |
| Lengths* | Minimum: 8' [2.44m], Maximum: 40' [12.19m] | | | |
| Side Lap | Double Tongue and Groove | | | |
| Thermal Performance† | | | | |
| Thickness | 2" [51mm] | 2.5" [64mm] | 3" [76mm] | 4" [101.6mm] |
| R-Value @ 75°F mean (°F·ft²·h/BTU) | 14 | 18 | 21 | 28 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.069 | 0.056 | 0.046 | 0.035 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 16 | 20 | 24 | 32 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.061 | 0.049 | 0.041 | 0.031 |

* Contact AWIP for custom sizes
 † Thermal values as tested per ASTM C518
 Note: Exterior side option only



Roof Products

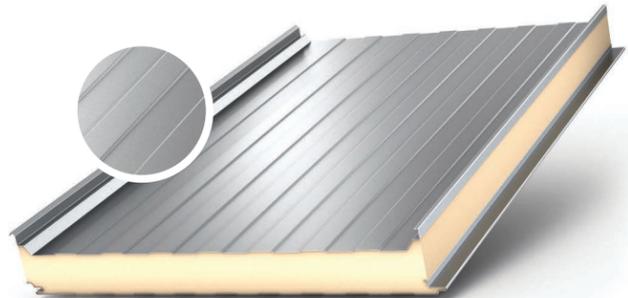


SR2 Standing Seam Roof Panel

For the look of a traditional metal standing seam with all the benefits of an insulated metal panel, try our standing seam roof profile. SR2 offers field-seamed, hidden fastener joinery for architectural appeal and maximum protection against the elements.

Features and Benefits

- Weathertight design for use in both retrofit or new construction applications
- Composite panel simplifies design, reduces complexity, improves efficiency and reduces installation costs
- Single component roof design includes exterior aesthetic, weather barrier, insulation and vapor barrier



Product Specifications

| | | | | |
|---|---|-------------------------------------|------------|--------------|
| Profile | Exterior | Smooth | | |
| | Interior | Embossed, Lightly Planked, Mesa Rib | | |
| Exterior Face Skin | 26 Gauge G90 Galvanized or AZ50 Galvalume. Optional Gauges: 24 and 22 | | | |
| Interior Face Skin | 26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 304 2B Stainless Steel | | | |
| Slope Requirements* | Minimum 1/2: 12 | | | |
| Panel Module** | 40"[1016mm] | | | |
| Lengths** | Minimum: 8'[2.44m], Maximum: 50'[15.24m] | | | |
| Side Lap | Exterior: Standing Seam Interior: Tongue and Groove | | | |
| Thermal Performance† | | | | |
| Thickness | 3.25" [82.55mm] | 4" [101.6mm] | 5" [127mm] | 6" [152.4mm] |
| R-Value @ 75°F mean (°F·ft²·h/BTU) | 23 | 28 | 36 | 43 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.043 | 0.035 | 0.028 | 0.024 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 26 | 32 | 41 | 49 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.038 | 0.031 | 0.025 | 0.021 |

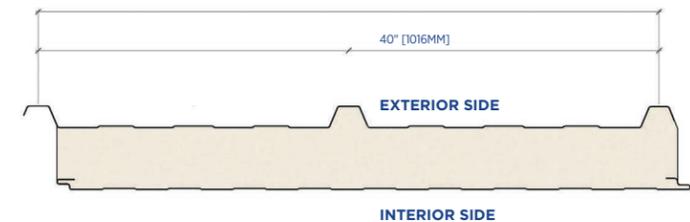
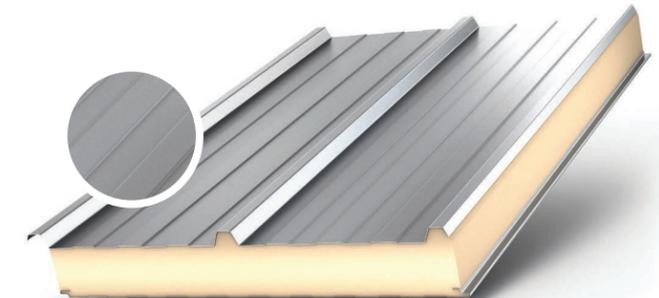
* Contact AWIP for custom slope
 ** Contact AWIP for custom sizes
 † Thermal values as tested per ASTM C518

HR3 High Rib Roof Panel

Economical solution for an exposed fastener roofing system. HR3 can be used for retrofit or new construction projects and includes a washable interior surface that is sleeker than loose insulation or sheathing.

Features and Benefits

- Rugged industrial aesthetic and faster installation achieved with exposed through fasteners
- Weathertight design for use in both retrofit or new construction applications
- Composite panel simplifies design, reduces complexity, improves efficiency and reduces installation costs
- Single component roof design includes exterior aesthetic, weather barrier, insulation and vapor barrier



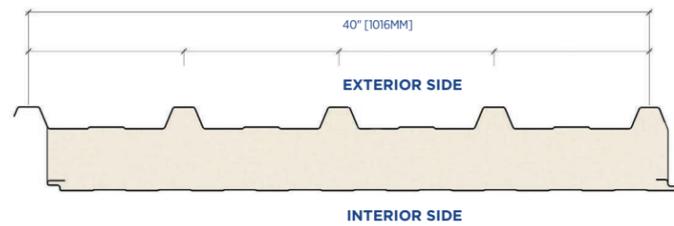
Product Specifications

| | | | | | |
|---|---|-------------------------------------|--------------|------------|--------------|
| Profile | Exterior | Trapezoid | | | |
| | Interior | Embossed, Lightly Planked, Mesa Rib | | | |
| Exterior Face Skin | 26 Gauge G90 Galvanized or AZ50 Galvalume. Optional Gauges: 24 and 22 | | | | |
| Interior Face Skin | 26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 304 2B Stainless Steel | | | | |
| Slope Requirements* | Minimum 1:12 | | | | |
| Panel Module** | 40"[1016mm] | | | | |
| Lengths** | Minimum: 8'[2.44m], Maximum: 50'[15.24m] | | | | |
| Side Lap | Exterior: Trapezoidal Overlap Interior: Shiplap | | | | |
| Thermal Performance† | | | | | |
| Thickness | 1.5" [38.1mm] | 2.5" [64mm] | 4" [101.6mm] | 5" [127mm] | 6" [152.4mm] |
| R-Value @ 75°F mean (°F·ft²·h/BTU) | 10 | 18 | 28 | 36 | 43 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.093 | 0.056 | 0.035 | 0.028 | 0.024 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 12 | 20 | 32 | 41 | 49 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.082 | 0.049 | 0.031 | 0.025 | 0.021 |

* Contact AWIP for custom slope
 ** Contact AWIP for custom sizes
 † Thermal values as tested per ASTM C518

HR5 High Rib Roof Panel

Economical solution for an exposed fastener roofing system. HR5 can be used for retrofit or new construction projects and includes a washable interior surface that is sleeker than loose insulation or sheathing.



Features and Benefits

- Rugged industrial aesthetic and faster installation achieved with exposed through fasteners
- Weathertight design for use in both retrofit or new construction applications
- Composite panel simplifies design, reduces complexity, improves efficiency and reduces installation costs
- Single component roof design includes exterior aesthetic, weather barrier, insulation and vapor barrier



Product Specifications

| | | | | | |
|--|---|-------------------------------------|-------------------|------------|--------------|
| Profile | Exterior | Trapezoid | | | |
| | Interior | Embossed, Lightly Planked, Mesa Rib | | | |
| Exterior Face Skin | 26 Gauge G90 Galvanized or AZ50 Galvalume. Optional Gauges: 24 and 22 | | | | |
| Interior Face Skin | 26 Gauge G90/AZ50, Optional Gauges: 24 and 22 G90/AZ50, 26 304 2B Stainless Steel | | | | |
| Slope Requirements* | Minimum 1:12 | | | | |
| Panel Module** | 40" [1016mm] | | | | |
| Lengths** | Minimum: 8' [2.44m], Maximum: 50' [15.24m] | | | | |
| Side Lap | Exterior: Trapezoidal Overlap | | Interior: Shiplap | | |
| Thermal Performance† | | | | | |
| Thickness | 1.5" [38.1mm] | 2.5" [64mm] | 4" [101.6mm] | 5" [127mm] | 6" [152.4mm] |
| R-Value @ 75°F mean (°F-ft²-h/BTU) | 10 | 18 | 28 | 36 | 43 |
| U-Value @ 75°F mean (BTU/°F-ft²-h) | 0.093 | 0.056 | 0.035 | 0.028 | 0.024 |
| R-Value @ 35°F mean (°F-ft²-h/BTU) | 12 | 20 | 32 | 41 | 49 |
| U-Value @ 35°F mean (BTU/°F-ft²-h) | 0.082 | 0.049 | 0.031 | 0.025 | 0.021 |

* Contact AWIP for custom slope
 ** Contact AWIP for custom sizes
 † Thermal values as tested per ASTM C518



Roof Deck Products



OneDek Insulated Roof Deck

OneDek is a superior alternative to traditional multi-layer low-slope roof systems. Replacing steel deck and multiple layers of ISO board insulation, a OneDek system requires fewer components and fewer steps to install, saving construction time and labor, while providing exceptional energy efficiency for your roof system. An industry-first, deck through membrane 20-year weathertightness warranty is available.



Fewer components, fewer steps, single source.

| Feature | Function | Benefit |
|---|--|---|
| Fewer Components to Skin the Roof | Simplifies design, reduces sourcing and installation time significantly | Reduced lead-time, entire roof system, purlins out, delivered to site in 16-20 weeks* |
| | | Material costs are similar, lower installation costs, building dried in faster |
| | | Reduced materials, complexity and costs |
| | | Trucks to jobsite reduced up to 30%** |
| | Assembly steps reduced by up to 75% | |
| | Provides roof membrane as a complete system package | Able to take on diaphragm shear load from the building super-structure |
| Composite Design of Insulated Roof Deck | Foam core sandwiched between interior and exterior steel facing | Single component acting as decking, air and vapor barrier, insulation and coverboard |
| | Insulated roof deck is weather resistant | Phased construction-Interior trades can work in parallel with membrane installation |
| | Provides a durable uniform surface | Walkable surface ideal for membrane installation without coverboard |
| | Closed cell foam | Water-resistant polyiso foam chemically bonded to steel facings |
| Fewer Penetrations | Deck attachment fasteners into framing are the only through fasteners required | Significantly reduces number of through fasteners, reducing risk of failure |
| | Insulation fastener eliminated | Reduced installation time and risk of failure; enhanced interior appearance |
| | Membrane fasteners installed into exterior facing only | 1-1/4" fasteners simplifies installation process and enhances interior appearance |
| 20-Year System Weathertight Warranty | Provided by single manufacturer | Enhances roof value to owner |
| | Covers decking, insulation, membrane and edge metal | Less risk if issues arise |
| Factory Painted Facings | Clean finished interior aesthetic | Eliminates the need for an aesthetic ceiling system |
| | | Standard white finish can reduce interior lighting required† |
| | | No field painting required eliminates cost |
| Various Thicknesses Available | Customizable thermal and structural performance specific to project requirements | No extra insulation layers or steps required to achieve R-values 14-57 °F•ft ² •h/BTU‡ |

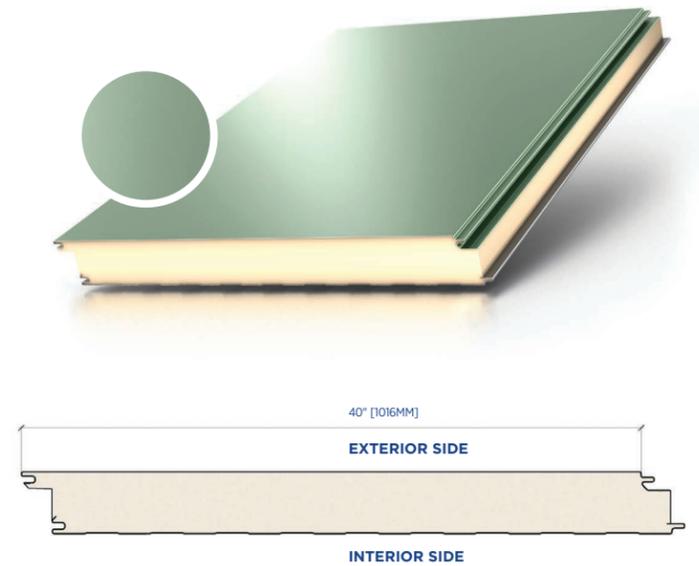
* Lead-times based on date of publication. Please contact your local sales representative for current lead-times
 ** Reference OneDek® System Comparison Leveraging Product and Single Source Advantages Versus Traditional Systems
 † Warranties are subject to review, and may require components purchased from single manufacturer
 ‡ See color chart for alternative finish options
 † As tested per ASTM C518 at 75° F mean temperature

RD1 Insulated Roof Deck: A Component of OneDek

The first component down in the OneDek System, the RD1 panel delivers a walkable surface, with a clean washable interior, that provides thermal and overall weather resistance in a single pass. Complete the roof by installing components to manage water to drainage location(s) and apply a membrane.

Features and Benefits

- Fewer materials, components, trucks to site, installation steps, penetrations and trades save time and reduce cost
- Insulated roof deck is a single component functioning as the deck, air and vapor barrier, insulation and coverboard, while providing a uniform walkable surface ideal for membrane installation
- Single point of accountability from the roof structure (decking, insulation, membrane and edge metal) out for weathertightness warranties and components
- Coil-coated interior skin eliminates the need to field paint the decking. Interior can be painted virtually any color
- Insulated roof deck systems utilize fastening patterns along the seam and panel to provide diaphragm shear resistance without the need for cross-bracing



Product Specifications

| Profile | Exterior | Smooth Flat | | | | |
|---|--|-------------------------------------|-----------|------------|------------|------------|
| | Interior | Embossed, Lightly Planked, Mesa Rib | | | | |
| Exterior Face Skin | 26 Gauge G90 Galvanized or AZ50 Galvalume. Optional Gauges: 24 and 22 | | | | | |
| Interior Face Skin | 26 Gauge G90 Galvanized or AZ50 Galvalume. 24 and 22 Gauge optional, 26 304 2B Stainless Steel | | | | | |
| Slope Requirements | Minimum 1/4:12 Slope Maximum 1:12 TPO, 2:12 PVC | | | | | |
| Panel Module* | 40"[1016mm] | | | | | |
| Lengths* | Minimum: 8'[2.44m], Maximum: 50'[15.24m] | | | | | |
| Side Lap | Double Tongue and Groove | | | | | |
| Thermal Performance¹ | | | | | | |
| Thickness | 2" [51mm] | 2.5" [64mm] | 3" [76mm] | 4" [102mm] | 5" [127mm] | 6" [152mm] |
| R-Value @ 75°F mean (°F•ft ² •h/BTU) | 14 | 18 | 21 | 28 | 36 | 43 |
| U-Value @ 75°F mean (BTU/°F•ft ² •h) | 0.069 | 0.056 | 0.046 | 0.035 | 0.028 | 0.023 |
| R-Value @ 35°F mean (°F•ft ² •h/BTU) | 16 | 20 | 24 | 32 | 41 | 49 |
| U-Value @ 35°F mean (BTU/°F•ft ² •h) | 0.061 | 0.049 | 0.041 | 0.031 | 0.024 | 0.020 |

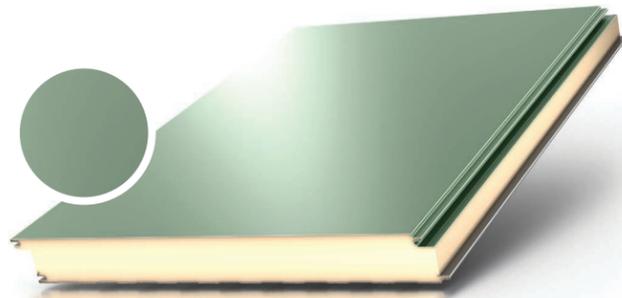
* Contact AWIP for custom sizes
¹ Thermal values as tested per ASTM C518

RD1-M Insulated Roof Deck: A Component of OneDek

The first component down in the OneDek System, the RD1-M panel delivers a walkable surface, with a clean washable interior, that provides thermal and overall weather resistance in a single pass. Complete the roof by installing components to manage water to drainage location(s) and apply a membrane.

Features and Benefits

- Fewer materials, components, trucks to site, installation steps, penetrations and trades save time, reduce cost and lower risk across project
- Insulated roof deck is a single component functioning as the deck, air and vapor barrier, insulation and coverboard, while providing a uniform walkable surface ideal for membrane installation
- Single point of accountability from the roof structure (decking, insulation, membrane and edge metal) out for weathertightness warranties and components
- Coil-coated interior skin eliminates the need to field paint the decking. Interior can be painted virtually any color
- Insulated roof deck systems utilize fastening patterns along the seam and panel to provide diaphragm shear resistance without the need for cross-bracing



Product Specifications

| | | | | | | |
|--|---|-------------------------------------|-------------|--------------|------------|--------------|
| Profile | Exterior | Smooth Flat | | | | |
| | Interior | Embossed, Lightly Planked, Mesa Rib | | | | |
| Exterior Face Skin | 22 Gauge G90/AZ50 | | | | | |
| Interior Face Skin | 26 Gauge G90 Galvanized or AZ50 Galvalume. Optional Gauges: 24 and 22 | | | | | |
| Slope Requirements | Minimum 1/4:12 Slope Maximum 2:12 TPO or PVC | | | | | |
| Panel Module | 40"[1016mm] | | | | | |
| Lengths** | Minimum: 8'[2.44m], Maximum: 50'[15.24m] | | | | | |
| Side Lap | Double Tongue and Groove | | | | | |
| Thermal Performance[†] | | | | | | |
| Thickness | 2" [50.8mm] | 2.5" [64mm] | 3" [76.2mm] | 4" [101.6mm] | 5" [127mm] | 6" [152.4mm] |
| R-Value @ 75°F mean (°F·ft²·h/BTU) | 14 | 18 | 21 | 28 | 36 | 43 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.069 | 0.056 | 0.046 | 0.035 | 0.028 | 0.023 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 16 | 20 | 24 | 32 | 41 | 49 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.061 | 0.049 | 0.041 | 0.031 | 0.024 | 0.020 |

** Contact AWIP for custom sizes
[†] Thermal values as tested per ASTM C518



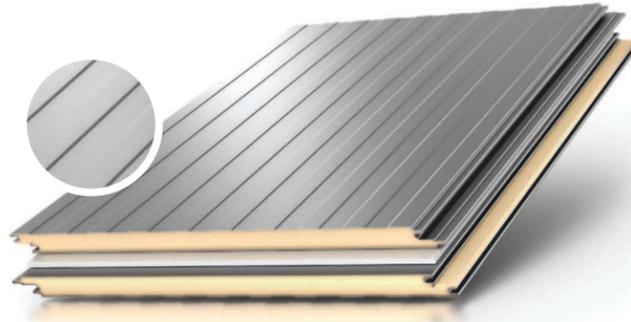
Fire-Resistant Products

Noe Flight School | Huntington, WV



fiRe 1-Hour Rated Wall Panel

FiRe products deliver the benefits of an insulated metal panel with a 1-hour fire rating. Available in many of our standard profiles, fiRe products are aesthetically pleasing concealed fastener panels. Compared to a typical 1-hour rated mineral fiber panel, our 4.5" thick fiRe panels have better R-values and weigh less, making them a great choice for your project.



Features and Benefits

- Nearly twice the R-value/inch compared to traditional mineral fiber panels
- Factory-assembled composite for one-step installation
- Composite panel system is lighter than comparable mineral fiber panels with similar R-value
- Available in all 40" wide AWIP wall panel profiles
- Hidden fastening at joints
- Designed for interior partitions or exterior wall applications



Product Specifications

| | |
|---|---|
| Profile | DM40-F, FL40-F, HE40-F, HE40A-F, ST40-F |
| Exterior Face Skin* | 26 Gauge G90 Galvanized or AZ50 Galvalume |
| Interior Face Skin | 26 Gauge G90 Galvanized or AZ50 Galvalume |
| Panel Module** | 40"[1016mm] |
| Lengths** | Minimum: 8'[2.44m], Maximum: 40'[12.19m] |
| Side Lap | Tongue and Groove |
| Thermal Performance† | |
| Thickness | 4.5"[114.30mm] |
| R-Value @ 75°F mean (°F·ft²·h/BTU) | 28 |
| U-Value @ 75°F mean (BTU/°F·ft²·h) | 0.035 |
| R-Value @ 35°F mean (°F·ft²·h/BTU) | 32 |
| U-Value @ 35°F mean (BTU/°F·ft²·h) | 0.031 |

* The exterior face minimum gauge requirement needs to match the standard profile gauge listed for each profile. Consult profile page tables for gauge requirements.

** Contact AWIP for custom sizes

† Thermal values as tested per ASTM C518



Colors & Finishes

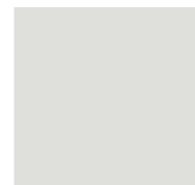


Colors

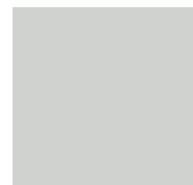
All Weather Insulated Panels (AWIP) offers factory coating solutions for a multitude of building designs and performance requirements. Equipped with the latest cool color pigment technologies and a variety of specific formulations to protect your building envelope from the outside or the inside, AWIP has the paint system to match your task.

- Embossed metal surfaces are offered as a standard on wall panels and non-embossed (smooth) for roof panels. Non-embossed finishes may be available on wall panels upon request depending on color, gauge and end use.
- Premium colors, paint systems and special orders are subject to higher pricing and extended lead times.
- Complete paint system specifications and standard finish warranties are available upon request.

Standard SMP



IMPERIAL WHITE
SR .70 | E .86 | SRI 85



POLAR WHITE
SR .60 | E .87 | SRI 71



LIGHT STONE
SR .56 | E .87 | SRI 66



SANDSTONE
SR .60 | E .86 | SRI 71



BURNISHED SLATE
SR .32 | E .87 | SRI 33



SURREY BEIGE
SR .53 | E .86 | SRI 61

Premium SMP



ASH GRAY
SR .46 | E .87 | SRI 52



GRIZZLE GRAY
SR .33 | E .87 | SRI 35



ALMOND
SR .63 | E .86 | SRI 75



TUNDRA
SR .44 | E .87 | SRI 49

AdobeTexture®



REGAL WHITE
SR .68 | E .87 | SRI 82



PEARL GRAY
SR .45 | E .88 | SRI 51



SANDSTONE
SR .58 | E .87 | SRI 68



SURREY BEIGE
SR .48 | E .87 | SRI 51

Standard Interior Polyester

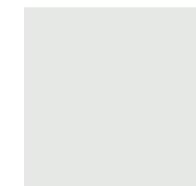


IMPERIAL WHITE
SR .66 | E .85 | SRI 79

The colors shown here are representative only and not necessarily true reproductions of actual coating colors. All performance data (SR, E and SRI) listed for SMP and PVDF, unless otherwise noted, are for AW500 and AW1000 finish systems, respectively.

For further information regarding color availability in nonstandard finish systems, please contact your local sales representative. Color chips are available upon request.

Standard PVDF*



REGAL WHITE
SR .72 | E .87 | SRI 88



LIGHT FRENCH GRAY
SR .60 | E .87 | SRI 71



PEARL GRAY
SR .49 | E .86 | SRI 56



TUNDRA
SR .45 | E .87 | SRI 51



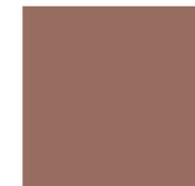
ALMOND
SR .63 | E .87 | SRI 75



SURREY BEIGE
SR .48 | E .85 | SRI 54



MEDIUM BRONZE
SR .33 | E .86 | SRI 34



REDDENED EARTH
SR .44 | E .86 | SRI 49



SLATE GRAY
SR .40 | E .87 | SRI 44



SANDSTONE
SR .61 | E .85 | SRI 72



WARM WHITE
SR .64 | E .87 | SRI 77



ROYAL BLUE
SR .29 | E .86 | SRI 29

Premium PVDF*



SNOW WHITE
SR .67 | E .87 | SRI 81



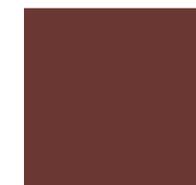
PEPPERCORN
SR .33 | E .87 | SRI 35



VIRTUAL TAUPE
SR .40 | E .87 | SRI 44



WEATHERED COPPER
SR .28 | E .87 | SRI 28



COLONIAL RED**
SR .33 | E .87 | SRI 35



EVERGREEN
SR .28 | E .86 | SRI 27



SLATE BLUE
SR .30 | E .87 | SRI 31



NAVAL
SR .29 | E .87 | SRI 29

PVDF - MICA (2 COAT)*



PEWTER
SR .44 | E .84 | SRI 48



CHAMPAGNE METALLIC BRONZE
SR .34 | E .84 | SRI 35



CORTEN STEEL
SR .35 | E .88 | SRI 38



TEXTURED BRONZE
SR .34 | E .88 | SRI 48

*AWIP reserves the right to supply FEVE resin as a substitute for PVDF based on availability with or without notice. This substitution will not impact warranty or performance of the paint system.

**AW1250 Finish System

BIM & Design Services

Our Customer First mentality means our team is available to assist you every step of the way, from design calculations through to the estimating and sales process. Go to awipanel.com/contact to get started with your sales representative today.

BIM 3D Viewer

Use our 3D Viewer to see our construction details like never before. Get a great visualization of standard finishes by selecting colors for roof and wall panels. Our convenient tool allows you to “Explode” and “Assemble” all of the various components in the detail and investigate each individual object up close. With the ability to hide or make components translucent, our easy-to-use interface provides understanding of how the components fit together. The ability to download interactive versions via pdf ensures you will always have what you need at your desk or in the field.

BIM Configurator

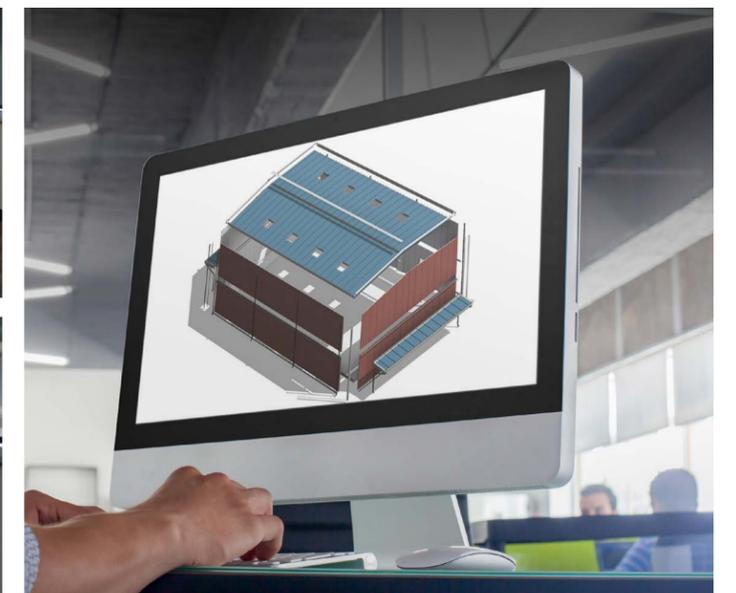
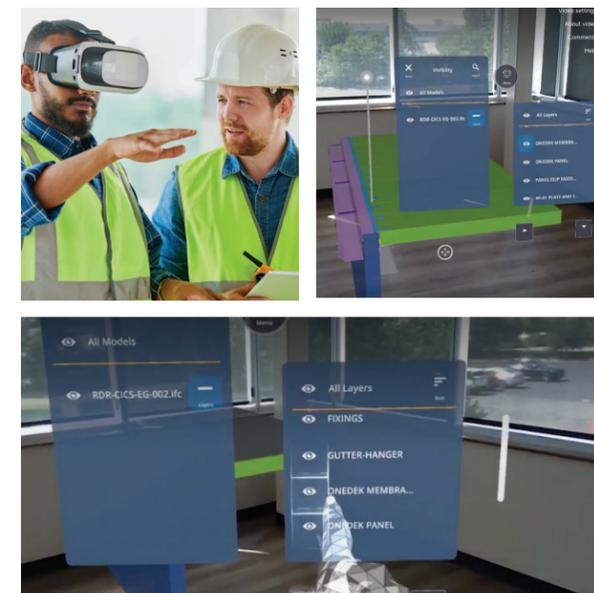
Our BIM Configurator lets you design, configure and download BIM objects from All Weather Insulated Panels in more than 140 different formats including Revit, ArchiCAD and Tekla, as well as 2D drawings and PDF datasheets.

BIM Bundle

From insulated roof and wall panels to insulated decks, the BIM Bundle puts together a package specific to your project needs. Simply indicate your requirements, and a custom BIM Bundle will be sent to you from our digital team. With global Revit prowess and great direct product knowledge, our internal team creates and manages all the Revit project files with multiple levels of detail and materials to ensure our products meet the demanding requirements of your project.



Scan to access our BIM tools



Tools & Education



Calvert School - Luetkemeyer Athletic Center | Baltimore, MD

We Are Planet Passionate

At All Weather Insulated Panels, we are genuinely committed to our planet and making an impact on future generations. We design products that improve the efficiency of buildings, strive for net zero carbon manufacturing, are active in community activities that positively impact the environment and serve as a Green Business Certification Inc. (GBCI) education provider.

Our 2030 Global Commitments



ENERGY

- 60% direct renewable energy by 2030
- 20% on-site renewable energy generation by 2030
- Install solar PV systems on all owned facilities by 2030



CARBON

- Net zero carbon manufacturing by 2030
- 50% reduction in product CO₂ intensity from our primary supply partners by 2030
- Zero emission company cars by 2025



CIRCULARITY

- 1 billion PET bottles upcycled into our manufacturing processes by 2025
- Zero company waste to landfill by 2030



WATER

- 26 million gallons of rainwater harvested annually by 2030
- 5 active ocean clean-up projects by 2025

LEED Credits

Using All Weather Insulated Panels can contribute to LEED version 4.1 credits in the following categories:



Material and Resources



Sustainable Sites



Indoor Environment



Energy and Atmosphere



Innovation



Our Product Approach

As your manufacturing partner, All Weather Insulated Panels works to deliver the innovative products and services your projects demand. Our core values of trust, transparency and communication are founded in testing and compliance.

We rigorously test and certify all our products through independent, third-party laboratories to meet or exceed building code requirements. We strive for adherence to ISO 37301, "Compliance management systems." Furthermore, our compliance process requires multiple stages of signoff before publication for accuracy and clarity. Each of our manufacturing facilities are ISO 9001, "Quality Management Systems" certified, helping create products that meet the performance you expect.

We support continuous improvement regarding product transparency. AWIP is working to improve the embodied carbon and Global Warming Potential (GWP) of our product-specific Environmental Product Declarations (EPDs). Our goal is to build awareness around the environmental impact of building products while identifying ways to improve our impact. We've designed our approach toward transparency to create dialogue about our products and processes. **Your vision. Our purpose.** is more than a tagline. It is our commitment to partnership and to open collaboration for continuous product improvement.



Continuing Education



All Weather Insulated Panels is a registered provider with The American Institute of Architects (AIA) Continuing Education System and Green Building Certification Institute (GBCI) Education Provider. Depending on the continuing education (CE) course, you can receive one AIA and/or one GBCI CE credit and potentially qualify for several other certifications through the AEC Daily continuing education website.

All Weather Insulated Panels CE courses are available for presentation in lunch and learn settings, in person or virtually. In addition to the courses listed below, ask how you can receive CE credits during a plant tour at one of our facilities. To schedule a lunch and learn, please contact your local sales representative, or go to awipanel.com/contact

Available Courses

- Sustainability Impact of High-Performance Insulated Metal Wall and Roof Systems (1-Hour Course)
- Insulated Metal Panels: Uniting Energy Efficiency with Design Versatility (1-Hour Course)
- Insulated Roof Decks (1-Hour Course)



Scan for the most current product information

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Coil Coatings

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