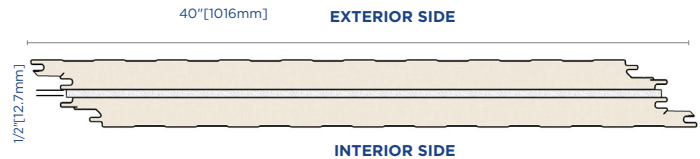
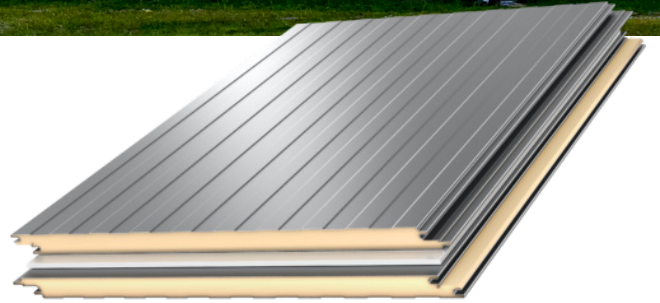




### Features & Benefits

- 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

<b>Profile</b>	DM40-F, FL40-F, HE40-F, HE40A-F, ST40-F
<b>Exterior Face Skin</b>	26 Gauge G90 Galvanized or AZ50 Galvalume
<b>Interior Face Skin</b>	26 Gauge G90 Galvanized or AZ50 Galvalume
<b>Panel Module</b>	40" [1016mm]
<b>Lengths</b>	Minimum: 8' [2.44m], Maximum: 40' [12.19m]
<b>Side Lap</b>	Tongue and Groove
<b>Thermal Performance<sup>†</sup></b>	
<b>Thickness</b>	4.5" [114mm]
<b>R-Value @ 75°F mean (°F·ft<sup>2</sup>·h/BTU)</b>	28
<b>U-Value @ 75°F mean (BTU/°F·ft<sup>2</sup>·h)</b>	0.035
<b>R-Value @ 35°F mean (°F·ft<sup>2</sup>·h/BTU)</b>	32
<b>U-Value @ 35°F mean (BTU/°F·ft<sup>2</sup>·h)</b>	0.031

<sup>†</sup> Thermal values as tested per ASTM C518

## Testing &amp; Approvals

Category	Test	Test Title	Results
Fire	ASTM E119	Hourly Fire Wall Rating	Passed 1 hour in vertical orientation
	CAN/ULC S101	Hourly Fire Wall Rating	Passed 1 hour in vertical orientation
	ASTM E84	Surface Burning Characteristics of Building Materials	Flame Spread Index: 25 or less Smoke Developed Index: 450 or less
	NFPA 285	Evaluation of Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies	Passed
	NFPA 268	Standard Test Method for Determining Ignitibility of Exterior Wall Assemblies Using a Radiant Heat Energy Source	Assembly tested meets the requirements of the standard
	CAN/ULC S102	Flame Spread/Smoke Developed	FSI ≤ 20, SDI ≤ 195
	CAN/ULC S134	Exterior Wall Assembly	Passed
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



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