

INSULATED WALL PANEL

PLANK PROFILE

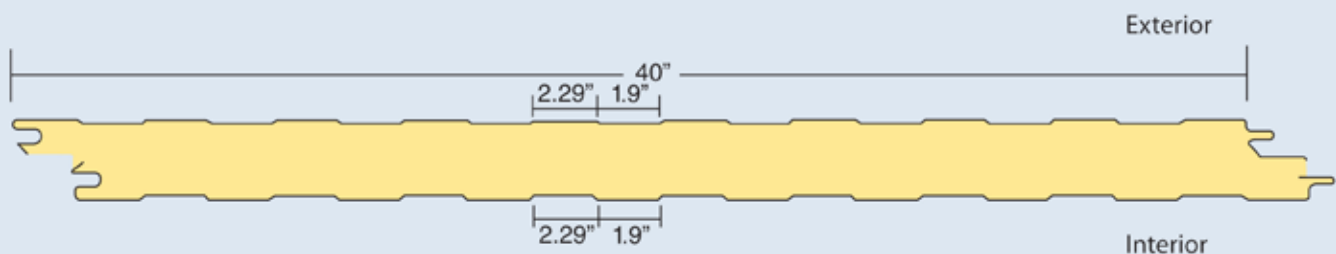
PLANK PROFILE

Plank profile wall panels are ideal for commercial and industrial applications. The wide panels install quickly and easily. Fasteners are concealed within the panel side joint and the attractive profile breaks up the flat expanse of metal on large projects such as manufacturing plants or warehouses.



FEATURES AND BENEFITS

- The double tongue and groove is self aligning, weather tight and allows for sealant application at either the interior or exterior side of the panel joinery depending on the direction of the vapor drive.
- Hidden/concealed fasteners give the panel a clean, aesthetically appealing appearance.
- Removable film prevents damage to the exterior of the panel during shipping and installation.
- This panel arrives on site in one piece and requires one simple step installation reducing construction time and costs.
- Standard exterior and interior steel surface is 26 gauge.

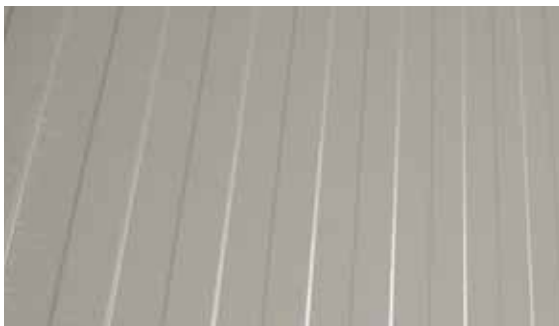


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Tests/Approvals

Thermal Resistance	ASTM C518
<i>Determines panel insulating properties</i>	
Air Leakage	ASTM E283
<i>Measures air leakage through panel joints</i>	
Water Penetration	ASTM E331
<i>Measures water penetration through panel joints</i>	
Fire Rating	FM 4880
<i>Class1 Fire Rating approval for wall and ceiling</i>	
Structural	ASTM E72
<i>Panels withstand positive & negative wind loads</i>	



PRODUCT INFORMATION

Panel Thickness:	2" 2.5" 3" 4"
Insulating R-Values*:	16 20 24 32
Insulating U-Factors:	U0.061 U0.049 U0.041 U0.031
Panel Width:	40"
Panel Length:	8'0" minimum to 56'0" maximum
Application:	Vertical
Insulation Material:	Polyisocyanurate
Joint Configuration:	Off-set tongue and groove with concealed fastener
Standard Gauge:	Exterior 26 ga. (24 ga. Optional) Interior 26 ga.
Exterior Coating:	SmartKote® (PVDF)**
Interior Coating:	Polyester**
Exterior Finish:	Smooth – No Emboss
Interior Finish:	Light Emboss
Accessories:	Fasteners, concealed fastener clip, sealants, trims and flashing
Trim Finish:	Smooth

*R Values are derived from thermal testing per ASTM C518 @ 40°F mean and ASTM C1363 @ 35°F mean. For project specific values, please contact your sales representative.

**When using field-applied coatings, always order Polyester.

INSULATED WALL PANELS

ALLOWABLE LOAD FOR ALL WALL PANELS (PSF) BASED ON L/180 DEFLECTION

PANEL THICKNESS (IN)	PANEL WEIGHT (PSF) 26/26 Ga.	SIMPLE SPAN (FT)										MULTIPLE SPAN (FT)							
		5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0		
2"	2.22	68	49	37	29	23	19			94	70	54	43	35	29	24	20		
2.5"	2.34	82	60	45	35	28	23	19		109	82	64	51	41	34	29	24		
3"	2.41	96	70	53	41	33	27	22	19	125	94	74	59	48	40	33	28		
4"	2.62	131	95	72	56	45	37	31	26	156	119	94	76	63	53	45	38		

Notes: 1) Spans shown are based on transverse load testing per ASTM E-72. Thermal effect due to temperature differentials have not been considered.