

INSULATED WALL PANEL

ARCHITECTURAL PROFILE

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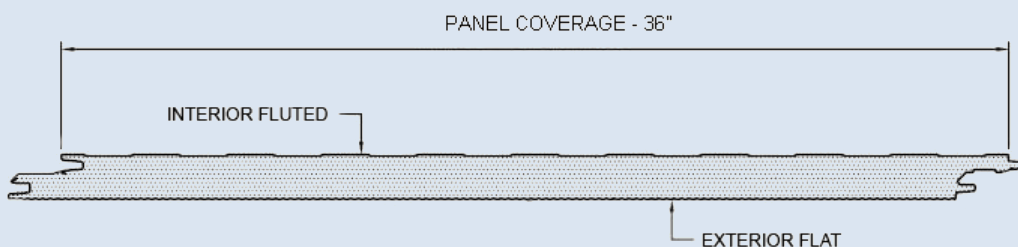
Architectural profile wall panels are ideal for applications calling for a flat, light embossed surface. Fasteners are concealed within the panel side joint. Best suited for exterior building walls where an upscale refined look is desired.



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 steel surface is 22 gauge.
- Standard interior steel surface is 26 gauge.

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AVAILABLE THICKNESS 2", 2.5", 3"

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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>Class 1 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"
Insulating R-Values:	15.4 20 23.1
Panel Width:	36"
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 22 ga. Interior 26 ga.
Exterior Coating:	PVDF (Kynar/Hylar) "Cool" is standard
Exterior Colors:	Regal White, Light Stone, Surrey Beige, Pearl Gray
Interior Coating:	Polyester - White
Exterior Finish:	Light Emboss
Interior Finish:	Light Emboss
Accessories:	Fasteners, concealed fastener clip, sealants, trims and flashing
Trim Finish:	Emboss

INSULATED WALL PANELS

STRUCTURAL - LOAD TABLE												
MAXIMUM SPECIFIED UNIFORMLY DISTRIBUTED PRESSURE (psf)												
	THICKNESS	Span (ft)										
		5	6	7	8	9	10	11	12	13	14	15
GAUGE 22/26	2"	56	50	42	35	30	25	22	19	17	14	12
	2.5"	70	57	48	41	35	31	28	24	21	18	16
	3"	75	62	54	46	40	35	33	31	28	25	22

- Notes :**
- Interior and exterior steel sheets are fabricated from Grade 33 steel with a minimum nominal core thickness of 0.018"
 - Table based on maximum deflection of L/180.
 - Connections have not been considered in the load table.
 - Thermal load has not been considered.
 - Table is based on a multi-span condition of equal span lengths.