

INSULATED WALL PANEL

DOUBLE MESA PROFILE - DM40

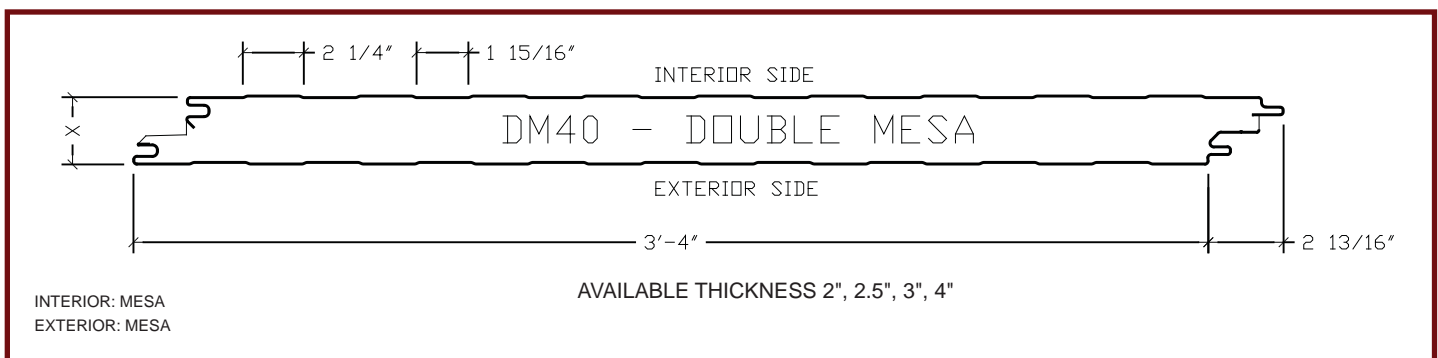
DOUBLE MESA PROFILE

Double Mesa 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.

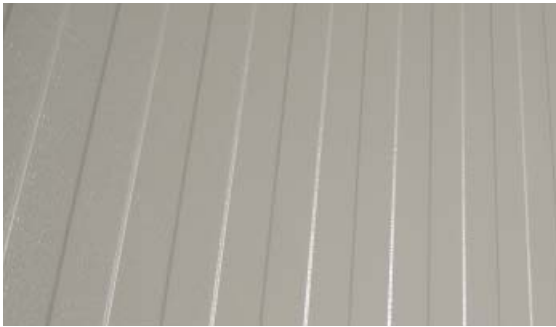


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Tests/Approvals

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>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" 4"
Insulating R-Values:	16 20 24 32
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. (22 & 24 ga. Optional) Interior 26 ga.
Exterior Coating:	PVDF is standard
Exterior Colors:	Regal White, Surrey Beige, Pearl Gray, Warm White, Cypress Green, Royal Blue
Interior Color:	Imperial White (Polyester)
Exterior Finish:	Smooth – No Emboss
Interior Finish:	Light Emboss
Accessories:	Fasteners, concealed fastener clip, sealants, trims and flashing
Trim Finish:	Smooth

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 26/26	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
	4"	89	73	62	53	47	41	39	37	33	30	28

- Notes: 1. Interior and exterior steel sheets are fabricated from Grade 33 steel with a minimum nominal core thickness of 0.018".
 2. Table based on maximum deflection of L/180.
 3. Connections have not been considered in the load table.
 4. Thermal load has not been considered.
 5. Table is based on multi-span condition of equal span lengths.