METL SPAN®
a NUCOR® company

CF STRIATED

INSULATED METAL WALL PANEL WITH PIR FOAM CORE

The Metl-Span CF Striated insulated metal panel is an attractive alternative to typical flat wall panels. The exterior face is lightly profiled with narrow longitudinal striations, which create a subtle shadow effect but exhibit a virtually flat appearance from a short distance away. The Striated wall panel is an exceptional value, combining the aesthetics of a flat wall panel with the high insulation ratings of an insulated foam core.

PRODUCT SPECIFICATIONS

WIDTH	36”, 42”
THICKNESS	2”, 2½”, 3”, 4”
LENGTHS	NON-DIRECTIONAL EMBOSSED 8’-0” to 40’-0” for 36” Vertical 8’-0” to 32’-0” for 42” Vertical UNEMBOSSED 8’-0” to 16’-0” Vertical
EXTERIOR PROFILE	Longitudinal striations, nominal 1/16” deep, embossed or unembossed
EXTERIOR FACE	G-90 galvanized or AZ-50 aluminum-zinc coated steel in 24 and 22 Ga.
INTERIOR PROFILE	Light Mesa, nominal 1/16” deep, embossed or unembossed
INTERIOR FACE	G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
CORE	Foamed-in-place, PIR Foam Core, zero ozone depleting (zero ODP) Class 1 foam
JOINT	Offset double tongue-and-groove with extended metal shelf for positive face fastening

**R-Value & U-Factor per ASTM C518 & ASTM C1363/Simulation, respectively, based on a mean temperature of 35° F; ~ 22 Ga not available for stainless steel*

PANEL PROFILE

U-FACTORS AND R-VALUES*

U-FACTOR (BTU/H·FT²·°F)*

PANEL WIDTH: 42”

	35°
2”	0.058
2½”	0.045
3”	0.038
4”	0.028

R-VALUE (H·FT²·°F/BTU)*

PANEL WIDTH: 42”

	35°
2”	17.9
2½”	22.4
3”	26.9
4”	35.9

DESIGN FEATURES & BENEFITS

- Minor striations provide up-close interest, with a flat appearance at a distance
- Utilizes concealed clips and eliminates thermal short circuits
- Easy and fast installation, with reduced construction labor costs
- Interior and exterior applications
- Can be used in conjunction with other Metl-Span joint profiles

Metl-Span: All-In-One Performance
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TESTING: CF STRIATED INSULATED METAL WALL PANEL

TEST/APPROVAL	TEST METHOD	TEST TITLE	RESULTS	
Fire US	ASTM E84	Surface Burning Characteristics of Building Materials	Flame spread <25, smoke developed <450	
	ASTM E119	Fire Tests of Building Construction Materials	One hour non-load bearing rating with two layers of Type X Gypsum Vertical installation	
	NFPA 259	Test Method for Potential Heat of Building Materials	Potential heat of foam plastic insulation contained in the assembly tested in accordance with NFPA 285-19	
	NFPA 285-19 Vertical	Evaluation of Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies	Panel assembly met the requirements of the standard	
	NFPA 286	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	Test specimen met the criteria of the IBC Section 803.1.2.1	
Structural	ASTM E72	Standard Test Methods of Conducting Strength Tests of Panels for Building Construction	See Load Chart	
Thermal Performance	ASTM C518	Steady-State Thermal Transmission Properties by Means of the Heat-Flow Meter Apparatus	K-Factor of 0.112 BTU.in/hr.ft .°F at 35° F mean core	
	ASTM C1363	Thermal Performance of Building Materials and Envelope Assemblies		35°
			2”	0.058
			2½”	0.045
			3”	0.038
			4”	0.028
Air Infiltration	ASTM E283	Rate of Air Leakage Through Curtain Walls Under Specified Pressure Differences	<0.001 cfm/ft^2 air infiltration rate at static pressure differential of 6.24 psf Vertical installation	
Water Infiltration	ASTM E331	Water Penetration of Exterior Walls by Uniform Static Air Pressure Differences	No uncontrolled leakage when tested to a static pressure of 15 psf Vertical installation	