

CF 7.2 INSUL-RIB

INSULATED METAL WALL PANEL WITH PUR FOAM CORE

The CF 7.2 Insul-Rib insulated metal panel combines a traditional 7.2 rib panel with an insulated core. With a bold, ribbed pattern, this panel creates a unique building profile that stands out, ideal for any commercial or industrial application. The 7.2 Insul-Rib panel can be installed both vertically and horizontally, allowing architects flexibility with design.

LOCK & GROOVE SYSTEM

PANEL

PANEL PROFILE

PRODUCT SPECIFICATIONS

WIDTH • Nominal 36"

THICKNESS • 3", 4" Rib height included in thickness

LENGTH NON-DIRECTIONAL EMBOSSED
8'-0" to 32'-0" Horizontal
8'-0" to 40'-0" Vertical

UNEMBOSSED
8'-0" to 32'-0" Horizontal
8'-0" to 40'-0" Vertical

EXTERIOR PROFILE • 7.2" on center rib pattern, 1 1/2" tall, embossed or unembossed

EXTERIOR FACE • G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and **22 Ga.

INTERIOR PROFILE • Mesa, nominal 1/8" 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, PUR Foam Core, zero ozone depleting (zero ODP) Class 1 foam

JOINT • Offset double tongue-and-groove with extended metal shelf for positive face fastening^Δ

U-FACTORS AND R-VALUES*

U-FACTOR (BTU/h-ft²·°F)

PANEL WIDTH: 36"

	35°
3"	0.066
4"	0.043

R-VALUE (h-ft²·°F/BTU)

PANEL WIDTH: 36"

	35°
3"	15.2
4"	23.3

*Based on ASTM C1363 and thermal modeling.

**not available in unembossed

Δ Through fastening required at panels ends

DESIGN FEATURES & BENEFITS

- Sweeping profile with unique shadow effects
- 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 CF joint profiles of the same thickness

TESTING: CF 7.2 INSUL-RIB 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 or horizontal installation
	FM 4880	Class 1 Fire Rating of Insulated Wall, Ceiling and Roof Panels	Product approved Exterior wall requires FM 4881 approval
	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
	NFPA 285-19	Evaluation of Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies	Panel assembly met the requirements of the standard
	NFPA 286	Fire Tests for Evaluating Contribution of Wall and Ceiling Finish to Roof Fire Growth	Test specimen met the criteria of the IBC Section 803.1.2.1
Fire Canada	CAN/ULC S101	Fire Endurance Tests of Building Construction and Materials	One hour non-load bearing fire rating with two layers of Type X Gypsum
	CAN/ULC S101	Fire Endurance Tests of Building Construction and Materials	Meets 15 minute stay-in-place requirements
	CAN/ULC S102	Surface Burning Characteristics of Building Materials and Assemblies	Meets the National Building Code of Canada requirements
	CAN/ULC S134	Fire Test of Exterior Wall Assemblies	Complies with the fire-spread and heat-flux limitations required by the National Building Code of Canada
	CAN/ULC S138	Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration	Met the criteria of the standard
Structural	ASTM E72	Strength Tests of Panels for Building Construction	See Load Chart
	ASTM E1592	Structural Performance of Metal Roof and Siding Systems by Uniform Static Air Pressure Differences	See Load Chart
	FM 4881	Class 1 Exterior Wall Structural Performance	See FM Wall Load Chart
Thermal Performance	ASTM C518	Steady-State Thermal Transmission Properties by Means of the Heat-Flow Meter Apparatus	K-Factor of 0.114 BTU.in/hr.ft ² .°F at 35° F mean core
	ASTM C1363	Thermal Performance of Building Materials and Envelope Assemblies	See Thermal Performance Guide
Air Infiltration	ASTM E283	Rate of Air Leakage Through Curtain Walls Under Specified Pressure Differences	<0.01 cfm/ft. ² at 20 psf Vertical or horizontal 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 20 psf Vertical or horizontal installation
Special Approval	State of Florida	Product Approval for the State of Florida	Product has State of Florida approval

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CF LIGHT MESA

INSULATED METAL WALL PANEL WITH PUR FOAM CORE

The Metl-Span CF Light Mesa insulated metal panel is well suited for exterior and interior walls and ceiling applications. The shallower version of the Mesa profile creates symmetry on the outside of the building and room to room within. The minor rib provides a flattened appearance. Light Mesa panels are ideal for commercial, institutional and industrial applications.

PRODUCT SPECIFICATIONS

WIDTH • 30", 36", 42"

THICKNESS • 2", 2½", 3", 4", 5", 6", 8"
Note: 5", 6" & 8" available for Interior Panels Only

LENGTH NON-DIRECTIONAL EMBOSSED
8'-0" to 32'-0" Horizontal
8'-0" to 52'-0" Vertical
UNEMBOSSED
8'-0" to 16'-0" Horizontal
8'-0" to 16'-0" Vertical

EXTERIOR PROFILE • Lightly profiled ¼" deep, longitudinal planks spaced at nominal 4" on center, embossed or unembossed

EXTERIOR FACE • G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

INTERIOR PROFILE • Light Mesa, nominal ¼" deep, embossed or unembossed

INTERIOR FACE • G-90 galvanized or AZ-50 aluminum-zinc coated steel, 304 or 316 stainless steel in 26, 24, 22~ Ga.

CORE • Foamed-in-place, PUR Foam Core, zero ozone depleting (zero ODP) Class 1 foam

JOINT • Offset double tongue-and-groove with extended metal shelf for positive face fastening

U-FACTORS AND R-VALUES*

U-FACTOR (BTU/h-ft²·°F)

PANEL WIDTH: 42"

	35°
2"	0.059
2.5"	0.046
3"	0.039
4"	0.029
5"	0.023
6"	0.019
8"	0.014

R-VALUE (h-ft²·°F/BTU)

PANEL WIDTH: 42"

	35°
2"	17.5
2.5"	21.9
3"	26.2
4"	35.0
5"	43.7
6"	52.5
8"	70.0

** Based on ASTM C518, ASTM C1363 and thermal modeling

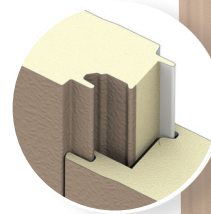
~ 22 Ga not available for stainless steel

This profile is not for use as an exterior wall of a low temp application

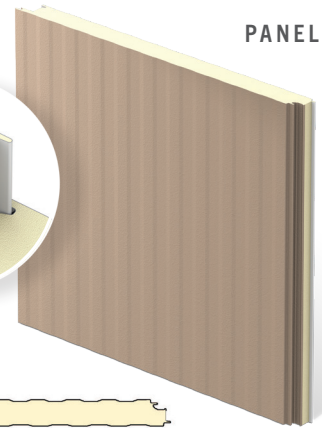
DESIGN FEATURES & BENEFITS

- Consistent high quality with foamed-in-place panel manufacturing
- Flat surface, easily washable
- Utilizes concealed clips and eliminates thermal short circuits
- Easy and fast installation, with reduced construction labor costs
- Interior and exterior applications
- USDA Compliant stainless steel for use in aggressive or daily wash-down areas

LOCK & GROOVE SYSTEM



PANEL



PANEL PROFILE



Metl-Span: All-In-One Performance

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SKU# 307209991182

TESTING: CF LIGHT MESA 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 or horizontal installation
	FM 4880	Class 1 Fire Rating of Insulated Wall, Ceiling and Roof Panels	Product approved Exterior wall requires FM 4881 approval
	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
	NFPA 285-19	Evaluation of Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies	Panel assembly met the requirements of the standard
	NFPA 286	Fire Tests for Evaluating Contribution of Wall and Ceiling Finish to Roof Fire Growth	Test specimen met the criteria of the IBC Section 803.1.2.1
Fire Canada	CAN/ULC S101	Fire Endurance Tests of Building Construction and Materials	One hour non-load bearing fire rating with two layers of Type X Gypsum
	CAN/ULC S101	Fire Endurance Tests of Building Construction and Materials	Meets 15 minute stay-in-place requirements
	CAN/ULC S102	Surface Burning Characteristics of Building Materials and Assemblies	Meets the National Building Code of Canada requirements
	CAN/ULC S134	Fire Test of Exterior Wall Assemblies	Complies with the fire-spread and heat-flux limitations required by the National Building Code of Canada
	CAN/ULC S138	Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration	Met the criteria of the standard
Structural	ASTM E72	Strength Tests of Panels for Building Construction	See Load Chart
	ASTM E1592	Structural Performance of Metal Roof and Siding Systems by Uniform Static Air Pressure Differences	See Load Chart
	FM 4881	Class 1 Exterior Wall Structural Performance	See FM Wall Load Chart
Thermal Performance	ASTM C518	Steady-State Thermal Transmission Properties by Means of the Heat-Flow Meter Apparatus	K-Factor of 0.114 BTU.in/hr.ft ² .°F at 35° F mean core
	ASTM C1363	Thermal Performance of Building Materials and Envelope Assemblies	See Thermal Performance Guide
Air Infiltration	ASTM E283	Rate of Air Leakage Through Curtain Walls Under Specified Pressure Differences	<0.01 cfm/ft ² at 20 psf Vertical or horizontal 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 20 psf Vertical or horizontal installation
Special Approval	Miami-Dade NOA	Product Approval for City of Miami and Dade County	Product has City of Miami and Dade County Notice of Acceptance
	State of Florida	Product Approval for the State of Florida	Product has State of Florida approval

Note: Miami Dade and Florida testing is not available on 8" thickness.

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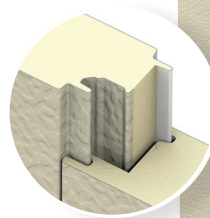


CF SANTA FE

INSULATED METAL WALL PANEL WITH PUR FOAM CORE

The Metl-Span CF Santa Fe panel has a flat exterior profile with a heavy, embossed stucco texture that mimics the look of a masonry stucco finish but with the added value of an insulated metal panel. The profile is flush with the warmth of an old-world finish, providing a visually pleasing building.

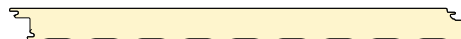
LOCK & GROOVE SYSTEM



PANEL



PANEL PROFILE



PRODUCT SPECIFICATIONS

WIDTH • 24", 30", 36", 42"

THICKNESS • 2", 2½", 2¾", 3", 4"

LENGTH 8'-0" to 32'-0" Horizontal
8'-0" to 40'-0" Vertical

EXTERIOR PROFILE • Flat profile with heavy embossing resembling desert southwestern appearance

EXTERIOR FACE • G-90 galvanized or AZ-50 aluminum-zinc coated steel in 24 and 22 Ga.

INTERIOR PROFILE • Light Mesa, nominal ⅛" deep, embossed or unembossed

INTERIOR FACE • G-90 galvanized or AZ-50 aluminum-zinc coated in 26, 24 and 22 Ga.

CORE • Foamed-in-place, PUR Foam Core, zero ozone depleting (zero ODP) Class 1 foam

JOINT • Offset double tongue-and-groove with extended metal shelf for positive face fastening

REVEAL • Up to 1" reveal options in ¼", ½", ¾" and 1" increments

U-FACTORS AND R-VALUES**

U-FACTOR (BTU/h·ft²·°F)

PANEL WIDTH: 42"

	35°
2"	0.059
2.5"	0.046
3"	0.038
4"	0.028

R-VALUE (h·ft²·°F/BTU)

PANEL WIDTH: 42"

	35°
2"	17.5
2.5"	21.9
3"	26.2
4"	35.0

*Available only from Nevada plant

**Based on ASTM C518, ASTM C1363 and thermal modeling

DESIGN FEATURES & BENEFITS

- Masonry stucco appearance
- 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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SKU# 307209991186

TESTING: CF SANTA FE 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 or horizontal installation
	FM 4880	Class 1 Fire Rating of Insulated Wall, Ceiling and Roof Panels	Product approved Exterior wall requires FM 4881 approval
	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
	NFPA 285-19	Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies	Panel assembly met the requirements of the standard
	NFPA 286	Fire Tests for Evaluating Contribution of Wall and Ceiling Finish to Roof Fire Growth	Test specimen met the criteria of the IBC Section 803.1.2.1
Fire Canada	CAN/ULC S101	Fire Endurance Tests of Building Construction and Materials	One hour non-load-bearing fire rating with two layers of Type X Gypsum
	CAN/ULC S101	Fire Endurance Tests of Building Construction and Materials	Meets 15 minute stay-in-place requirements
	CAN/ULC S102	Surface Burning Characteristics of Building Materials and Assemblies	Meets the National Building Code of Canada requirements
	CAN/ULC S134	Fire Test of Exterior Wall Assemblies	Complies with the fire-spread and heat-flux limitations required by the National Building Code of Canada
	CAN/ULC S138	Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration	Met the criteria of the standard
Structural	ASTM E72	Strength Tests of Panels for Building Construction	See Load Chart
	ASTM E1592	Structural Performance of Metal Roof and Siding Systems by Uniform Static Air Pressure Differences	See Load Chart
	FM 4881	Class 1 Exterior Wall Structural Performance	See FM Wall Load Chart
Thermal Performance	ASTM C518	Steady-State Thermal Transmission Properties by Means of the Heat-Flow Meter Apparatus	K-Factor of 0.114 BTU.in/hr.ft ² .°F at 35° F mean core
	ASTM C1363	Thermal Performance of Building Materials and Envelope Assemblies	See Thermal Performance Guide
Air Infiltration	ASTM E283	Rate of Air Leakage Through Curtain Walls Under Specified Pressure Differences	<0.01 cfm/ft ² at 20 psf Vertical or horizontal 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 20 psf Vertical or horizontal installation
Special Approval	Miami-Dade NOA	Product Approval for City of Miami and Dade County	Product has City of Miami and Dade County Notice of Acceptance
	State of Florida	Product Approval for the State of Florida	Product has State of Florida approval

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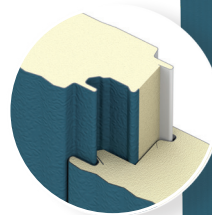


CF STRIATED

INSULATED METAL WALL PANEL WITH PUR 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.

LOCK & GROOVE SYSTEM



PANEL



PANEL PROFILE



PRODUCT SPECIFICATIONS

WIDTH • 24", 30", 36", 42"

THICKNESS • 2", 2½", 2¾", 3", 4"

LENGTH NON-DIRECTIONAL EMBOSSED
8'-0" to 32'-0" Horizontal
8'-0" to 40'-0" for 24", 30", 36" Vertical
8'-0" to 32'-0" for 42" Vertical

UNEMBOSSSED
8'-0" to 16'-0" Horizontal
8'-0" to 16'-0" Vertical

EXTERIOR PROFILE • Longitudinal striations, nominal 0.035" 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, PUR Foam Core, zero ozone depleting (zero ODP) Class 1 foam

JOINT • Offset double tongue-and-groove with extended metal shelf for positive face fastening

REVEAL • Up to 1" reveal in ¼" increments

U-FACTOR (BTU/h·ft²·°F)

PANEL WIDTH: 42"

	35°
2"	0.059
2.5"	0.046
3"	0.039
4"	0.029

R-VALUE (h·ft²·°F/BTU)

PANEL WIDTH: 42"

	35°
2"	17.5
2.5"	21.9
3"	26.2
4"	35.0

*Available only from Nevada plant

**Based on ASTM C518, ASTM C1363 and thermal modeling, 35° F core mean temp.

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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CFSPUR_NJ/5_23 SKU# 307209991187

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 or horizontal installation
	FM 4880	Class 1 Fire Rating of Insulated Wall, Ceiling and Roof Panels	Product approved Exterior wall requires FM 4881 approval
	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
	NFPA 285-19	Evaluation of Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies	Panel assembly met the requirements of the standard
	NFPA 286	Fire Tests for Evaluating Contribution of Wall and Ceiling Finish to Roof Fire Growth	Test specimen met the criteria of the IBC Section 803.1.2.1
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	CAN/ULC S101	Fire Endurance Tests of Building Construction and Materials	Meets 15 minute stay-in-place requirements
	CAN/ULC S102	Surface Burning Characteristics of Building Materials and Assemblies	Meets the National Building Code of Canada requirements
	CAN/ULC S134	Fire Test of Exterior Wall Assemblies	Complies with the fire-spread and heat-flux limitations required by the National Building Code of Canada
	CAN/ULC S138	Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration	Met the criteria of the standard
Structural	ASTM E72	Strength Tests of Panels for Building Construction	See Load Chart
	ASTM E1592	Structural Performance of Metal Roof and Siding Systems by Uniform Static Air Pressure Differences	See Load Chart
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