



# Metl-Span IMPs Steal the Show

Entertainment venues require two things from the buildings that enclose them – to provide a durable solution where guests are free of worry from the elements outside, and to create an exterior atmosphere that makes visitors feel comfortable upon entering.

**Metl-Span® insulated metal panels (IMPs)** provide the ideal solution for both new and retrofit construction across all entertainment facilities, from concert venues and arcades to theatres and museums.

Metl-Span IMPs outfit entertainment venues with a sleek façade, and their airtight faces ensure the highest insulating values are achieved for the life of the building. The unique combination of welcoming aesthetics, high performance insulation and a fast-tracked construction schedule make Metl-Span IMPs a superior solution for wall, ceiling and roof applications.

## Metl-Span IMP Benefits:

**Entertaining Insulation** – Whether it's the blockbuster movie of the year, or the once-in-a-lifetime concert, guests at entertainment venues rely on the building's exterior to provide them with a comfortable viewing experience. Metl-Span IMPs feature an advanced polyurethane core that is completely encapsulated by steel facings to form an airtight, well-insulated panel with assured thermal values.

**Exhibiting Installation** – Out of 75 museums surveyed across 38 countries, U.S. museums spent more on new wings and galleries than the other 37 countries combined. Metl-Span IMPs cater to construction projects on fast timelines by delivering one-piece construction and all-weather installation for the rapid completion of wall and roof systems. Metl-Span IMPs can also be installed five times faster than brick construction.

**Show-Stopping Aesthetics** – Entertainment venues are home to great works of art, whether it be on the big screen, on stage or in an exhibit hall. With such creative masterpieces inside, entertainment venues rely on their exterior façades to match that type of artistic expression. Metl-Span IMPs feature an extensive color palette with premier finishes to make your next entertainment project a work of art both inside and out.

For more information on how Metl-Span insulated metal wall systems can impact your next entertainment project, visit [metlspan.com/markets/entertainment](https://metlspan.com/markets/entertainment). To discuss requirements and options for your next project, call **877.585.9969**.



## CF Architectural Horizontal

### JOINT INTERSECTION



### INTEGRATED WINDOW



### REVEALS



PANEL PROFILE

### PRODUCT SPECIFICATIONS

**WIDTH:** 24", 30", 36"

**THICKNESS:** 2", 2 1/2", 3", 4"

**LENGTH:** 8'-0" TO 32'-0" for embossed  
8'-0" TO 16'-0" or unembossed

**EXTERIOR PROFILE:** Flat appearance providing a monolithic look, embossed or unembossed

### U-FACTOR<sup>1</sup> (BTU/h·ft<sup>2</sup>·F°)

PANEL WIDTH: 36"

	75°
2"	0.0669
2 1/2"	0.0500
3"	0.0400
4"	0.0307

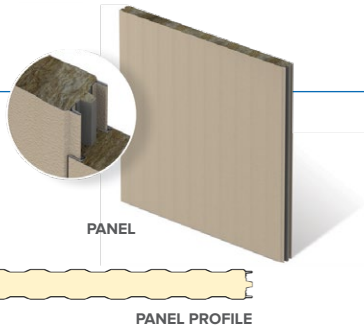
### R-VALUE<sup>1</sup> (h·ft<sup>2</sup>·F°/BTU)

PANEL WIDTH: 36"

	75°
2"	14.95
2 1/2"	20.00
3"	25.00
4"	32.57

## Thermalsafe®

### LOCK & GROOVE SYSTEM



### PRODUCT SPECIFICATIONS

**WIDTH:** 42"

**THICKNESS:** Nominal 3"<sup>3</sup>, 4", 5", 6", 7", 8"

**LENGTH:** 8'-0" to 40'-0", variable by thickness; contact Metl-Span for exact maximum length for each thickness

**EXTERIOR PROFILE:** Ultra-Light Mesa, or Light Striated nominal 1/32" deep, embossed or Santa Fe, with heavy embossing

**FIRE RATINGS:** One-, two-, and three-hour for wall. 90 minute for ceiling

### U-FACTOR<sup>1</sup> (BTU/h·ft<sup>2</sup>·F°)

PANEL WIDTH: 36"

	75°
3"	0.0923
4"	0.0654
5"	0.0529
6"	0.0444
7"	0.0383
8"	0.0336

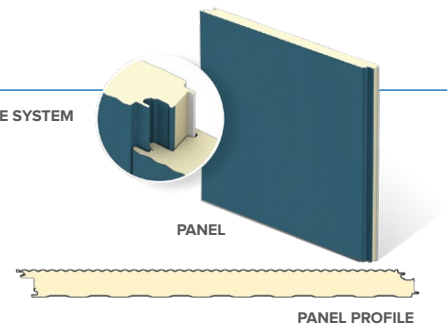
### R-VALUE<sup>1</sup> (h·ft<sup>2</sup>·F°/BTU)

PANEL WIDTH: 36"

	75°
3"	10.83
4"	15.29
5"	18.90
6"	22.51
7"	26.12
8"	29.73

## CF Striated

### LOCK & GROOVE SYSTEM



### PRODUCT SPECIFICATIONS

**WIDTH:** 24"<sup>2</sup>, 30", 36", 42"

**THICKNESS:** 2", 2 1/2", 2 3/4", 3", 4"

**LENGTH:** 8'-0" TO 32'-0" horizontal embossed  
8'-0" TO 16'-0" horizontal unembossed  
8'-0" TO 40'-0" for 24", 30" and 36" vertical embossed  
8'-0" TO 32'-0" for 42" vertical embossed  
8'-0" TO 16'-0" vertical unembossed

**EXTERIOR PROFILE:** Longitudinal striations, nominal 1/16" deep embossed or unembossed

### U-FACTOR<sup>1</sup> (BTU/h·ft<sup>2</sup>·F°)

PANEL WIDTH: 42"

	75°
2"	0.0706
2 1/2"	0.0516
2 3/4"	0.0470
3"	0.0424
4"	0.0324

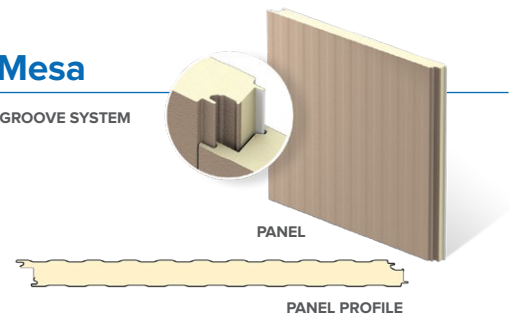
### R-VALUE<sup>1</sup> (h·ft<sup>2</sup>·F°/BTU)

PANEL WIDTH: 42"

	75°
2"	14.16
2 1/2"	19.38
2 3/4"	21.28
3"	23.58
4"	30.86

## CF Light Mesa

### LOCK & GROOVE SYSTEM



### PRODUCT SPECIFICATIONS

**WIDTH:** 30", 36", 42"

**THICKNESS:** 2", 2 1/2", 3", 4", 5"<sup>4</sup>, 6"<sup>4</sup>

**LENGTH:** 8'-0" TO 32'-0" for horizontal embossed  
8'-0" TO 16'-0" for horizontal unembossed  
8'-0" TO 52'-0" for vertical embossed  
8'-0" TO 16'-0" for vertical unembossed

**EXTERIOR PROFILE:** Lightly profiled 1/16" deep, longitudinal corrugations spaced at nominal 4" on center, embossed or unembossed

### U-FACTOR<sup>1</sup> (BTU/h·ft<sup>2</sup>·F°)

PANEL WIDTH: 42"

	75°	40°
2"	0.0706	0.0669
2 1/2"	0.0516	0.0491
3"	0.0424	0.0401
4"	0.0324	0.0305
5"	0.0264	0.0248
6"	0.0224	0.0210

### R-VALUE<sup>1</sup> (h·ft<sup>2</sup>·F°/BTU)

PANEL WIDTH: 42"

	75°	40°
2"	14.16	14.95
2 1/2"	19.38	20.37
3"	23.58	24.94
4"	30.86	32.79
5"	37.88	40.32
6"	44.64	47.62

<sup>1</sup>Based on ASTM C518, ASTM C1363 and thermal modeling, 75° F core mean temp. <sup>2</sup>Available only from Nevada plant. <sup>3</sup>No hourly rating available. <sup>4</sup>Interior panels only.