



Metl-Span IMPs Manufacture Success

The United States has the largest manufacturing presence of any country in the world, producing 18.2 percent of goods across the globe.

Thanks to a variety of factors, from wage increases overseas to a U.S. commitment to innovation and R&D spending, **more manufacturers are moving their production facilities to the United States** in an effort to make them more competitive. These developments, combined with the fact that Canada is reaching peak utilization capacity, has prompted a pressing need for more manufacturing facilities across North America.

Metl-Span® insulated metal panels (IMPs) provide manufacturing facilities with enhanced insulation values to safeguard and help facilitate the assembly and production process for all types of manufactured products.

Metl-Span IMP Benefits:

IMP Insulation – Manufacturing businesses rely on power-driven machines and equipment to facilitate successful production. Metl-Span IMPs deliver the highest insulating values to ensure the manufacturing process and the people overseeing it can work in a temperature-controlled environment. Equipped with built-in thermal breaks with a Class 1 polyurethane core, Metl-Span IMPs provide proper insulation for the building's entire lifespan.

Industrial Installation – Since 2010, 62.5 million square feet of manufacturing space has been established in the United States—a number that continues to grow. Metl-Span IMPs feature one-piece construction and can be installed in any climate five times faster than brick construction to ensure the rapid completion of wall and roof systems for manufacturing facilities.

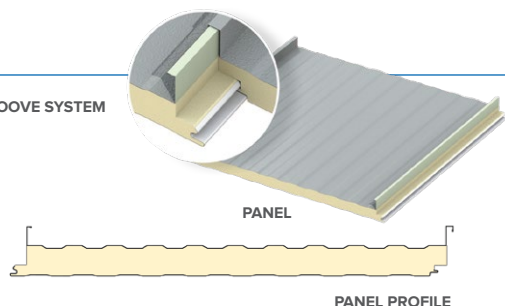
Operative Sustainability – Manufacturing is a bottom-line business, and Metl-Span IMPs work to keep utility costs down, helping drive profits up. With superior insulating values, Metl-Span IMPs significantly lower heating and cooling costs to help minimize expenses.

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



CFR

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: 30", 36", 42"

THICKNESS: 2", 2 1/2", 3", 4", 5", 6"

LENGTH: 9'-6" TO 53'-0"; contact Metl-Span for custom length availability

EXTERIOR PROFILE: 2" high standing seam with a Mesa profile between the seams, embossed

U-FACTOR² (BTU/h·ft²·F°)

PANEL WIDTH: 42"

	75°
2"	0.0600
2 1/2"	0.0490
3"	0.0414
4"	0.0318
5"	0.0257
6"	0.0217

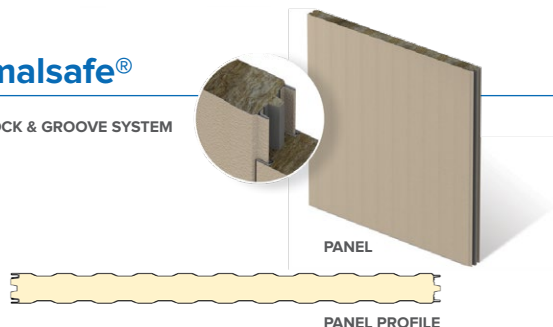
R-VALUE² (h·ft²·F°/BTU)

PANEL WIDTH: 42"

	75°
2"	16.67
2 1/2"	20.41
3"	24.15
4"	31.45
5"	38.91
6"	46.08

Thermalsafe®

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: 42"

THICKNESS: NOMINAL 3"⁴, 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-FACTOR² (BTU/h·ft²·F°)

PANEL WIDTH: 36"

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

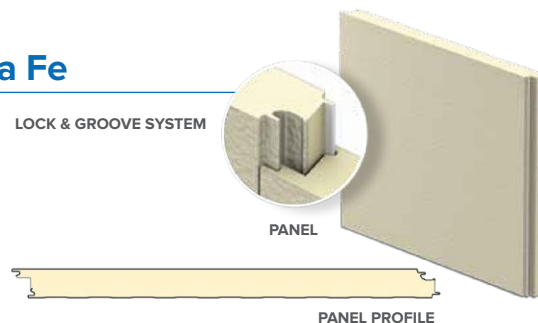
R-VALUE² (h·ft²·F°/BTU)

PANEL WIDTH: 36"

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

Santa Fe

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: 24"³, 30"³, 36", 42"

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

LENGTH: 8'-0" TO 32'-0" Santa Fe horizontal embossed
8'-0" TO 40'-0" Santa Fe vertical embossed

EXTERIOR PROFILE: Flat profile with heavy embossing resembling old-world hand plaster

U-FACTOR² (BTU/h·ft²·F°)

PANEL WIDTH: 42"

	75°
2"	0.0669
2 1/2"	0.0500
2 3/4"	0.0450
3"	0.0400
4"	0.0307

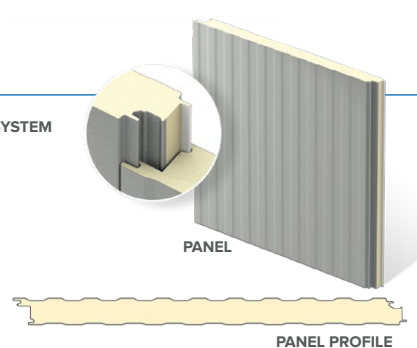
R-VALUE² (h·ft²·F°/BTU)

PANEL WIDTH: 42"

	75°
2"	14.95
2 1/2"	20.00
2 3/4"	22.50
3"	25.00
4"	32.57

CF Mesa

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: 30", 36", 42"

THICKNESS: 2", 2 1/2", 3", 4", 5", 6"

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 40'-0" for vertical unembossed

EXTERIOR PROFILE: Longitudinal corrugations spaced at nominal 4" on center, nominal 1/8" deep, embossed or unembossed

U-FACTOR² (BTU/h·ft²·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-VALUE² (h·ft²·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

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