



Metl-Span IMPs: Aging like Fine Wine

There is a construction trend brewing in America. Wineries and breweries are growing at a rapid pace, quickly becoming social staples in communities throughout America.

In fact, the number of wineries in the United States has grown by over 50 percent in the last decade to reach nearly 10,000, and there are now over 7,000 breweries across the country. This results in a need for new facilities to accommodate the rapid growth.

Metl-Span® insulated metal panels (IMPs) feature superior insulation and fire-resistant options to provide an exceptional environment for fermentation, as well as protecting the precious contents inside. Their easy installation allows architects and designers to rely on them to help get new wineries and breweries up and running quickly.

Metl-Span IMP Benefits:

Insulation Uncorked – Architects depend on the building products they specify to protect the people inside from any exposure to harsh exterior elements. Thanks to an airtight membrane encapsulated by steel facings and built-in thermal breaks, Metl-Span IMPs equip wineries and breweries with enhanced insulation values for the life of the building to keep customers comfortable.

Efficient Installation – The accelerated growth of wineries and breweries is placing a burden on building owners to get businesses up and running as soon as possible. Metl-Span IMPs provide one-piece construction and all-weather installation to ensure fast-tracked schedules for both wall and roof system construction.

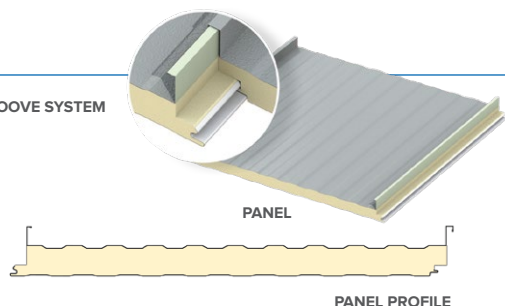
Sparkling Aesthetics – Owners of wineries and breweries want their establishment to be the trendy new neighborhood destination, and the building's exterior plays a big part in that attraction. Metl-Span IMPs come in an evolving array of color palettes and finishes to provide wineries and breweries with welcoming facades to help make them the talk of the town.

For more information on how Metl-Span insulated metal wall systems can impact your next winery or brewery project, visit metlspan.com/markets/wineries. 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

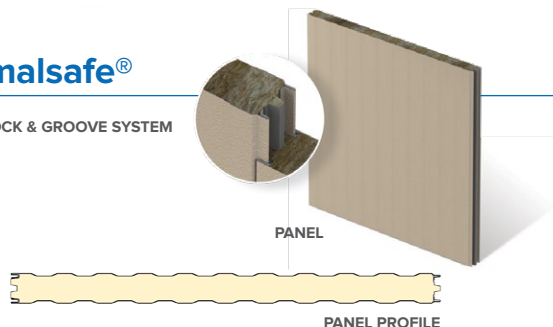
R-VALUE² (h·ft²·F°/BTU)

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"³, 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

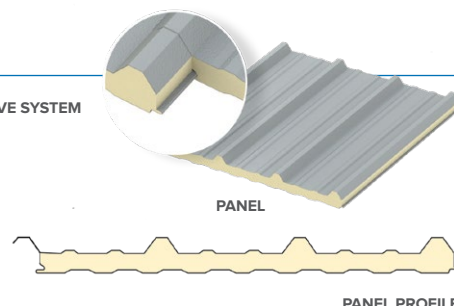
R-VALUE² (h·ft²·F°/BTU)

PANEL WIDTH: 36"

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

LS-36

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: 36"

THICKNESS: 1 1/2", 2", 2 1/2", 3", 4", 5", 6" Rib height not included in thickness

LENGTH: 8'-0" TO 50'-0"

EXTERIOR PROFILE: 1 1/2" high major ribs spaced 12" on center, embossed or unembossed

U-FACTOR² (BTU/h·ft²·F°)

PANEL WIDTH: 36"

	ROOF 75°	WALL 75°
1 1/2"	0.0788	0.0783
2"	0.0603	0.0602
2 1/2"	0.0492	0.0491
3"	0.0416	0.0414
4"	0.0327	0.0326
5"	0.0267	0.0268
6"	0.0223	0.0227

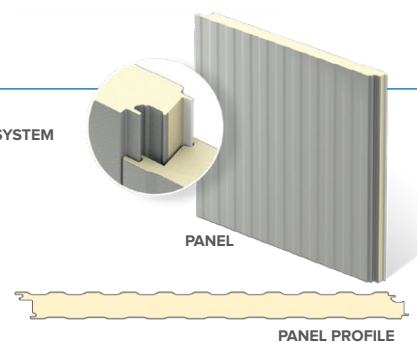
R-VALUE² (h·ft²·F°/BTU)

PANEL WIDTH: 36"

	ROOF 75°	WALL 75°
1 1/2"	12.69	12.77
2"	16.58	16.61
2 1/2"	20.33	20.37
3"	24.04	24.15
4"	30.58	30.67
5"	37.45	37.31
6"	44.84	44.05

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. ³No hourly rating available.