



IMPs: The Self-Storage Solution

There are nearly **50,000 self-storage units in the United States**, accounting for almost 10 percent of U.S. households that store their belongings in a personal unit.

Most self-storage facilities are **moving toward purely climate-controlled units** to protect their customers' contents from extreme heat in the summer and extreme cold in the winter. Finding a product to accommodate this requirement, while also serving as a moisture barrier, can be daunting.

Metl-Span® insulated metal panels (IMPs) rise to the occasion. Specifically designed to meet today's continuous installation code needs, Metl-Span IMPs achieve an unprecedented R-value to appease climate-controlled building needs and are compatible with many different structural systems commonly used in self-storage building design.

Metl-Span IMP Benefits:

Ease of Installation – IMPs can be installed in virtually any weather condition, fast-tracking the construction process without unnecessary spending and downtime during harsh weather to get your facility up and running quickly.

Superior Thermal Insulation – With the highest R-value per inch of any commercial product, Metl-Span IMPs enable self-storage facilities to maintain the proper temperature within air-conditioned units to keep products at optimal conditions.

Moisture Barrier – Wall panels have a specifically formed barrier-side joint that permits the hidden application of sealant within recessed grooves, creating an impenetrable water and vapor seal protecting storage units and their contents from the elements.

Aesthetic Advantages – An evolving array of custom color palettes meet the needs of corporate branding requirements. Multiple profiles are available in a wide range of price points—including masonry-textured surfaces—to meet the various aesthetic requirements of local planning boards.

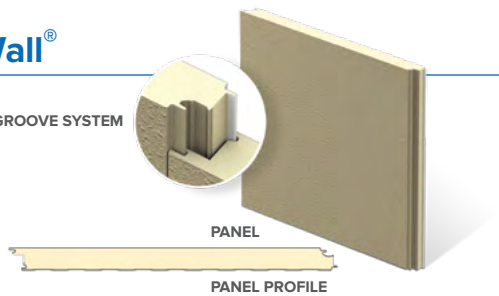
Use IMPs Behind Any Façade – Metl-Span HCPI back-up panels allow you to protect your self-storage facility from air, water and thermal vapor and can be used behind any type of façade.

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



CF Tuff Wall®

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: 36", 42"

THICKNESS: 2", 2.5", 3", 4", 5", 6"

LENGTH: 8'-0" TO 32'-0" for Horizontal
8'-0" TO 40'-0" for Vertical

EXTERIOR PROFILE: Factory-applied Tuff Cote® system textured finish similar to stucco.

u-factors and R-values³

u-factor (BTU/h·ft²·F°)

R-value (h·ft²·F°/BTU)

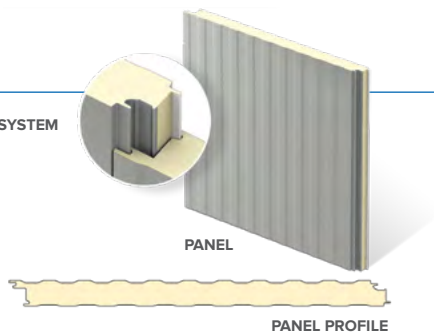
PANEL WIDTH: 42"

PANEL WIDTH: 42"

75°		75°	
2"	0.0669	2"	14.95
2.5"	0.0500	2.5"	20.00
3"	0.0400	3"	25.00
4"	0.0307	4"	32.57
5"	0.0264	5"	37.88
6"	0.0224	6"	44.64

CF Mesa

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: 30", 36", 42"

THICKNESS: 2", 2.5", 3", 4", 5", 6"

LENGTH: NON-DIRECTIONAL EMBOSSED
8'-0" TO 32'-0" for Horizontal
8'-0" TO 52'-0" for Vertical

UNEMBOSSED

8'-0" TO 16'-0" for Horizontal
8'-0" TO 40'-0" for Vertical

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

u-factors and R-values³

u-factor (BTU/h·ft²·F°)

R-value (h·ft²·F°/BTU)

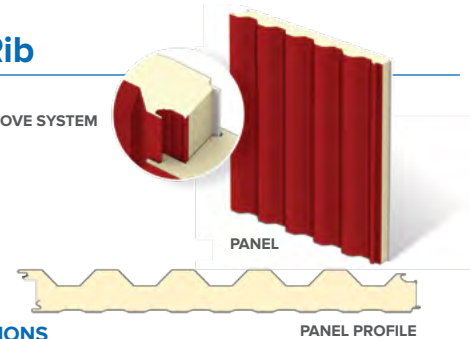
PANEL WIDTH: 42"

PANEL WIDTH: 42"

75°		40°		75°		40°	
2"	0.0706	0.0669	2"	14.16	14.95		
2.5"	0.0516	0.0491	2.5"	19.38	20.37		
3"	0.0424	0.0401	3"	23.58	24.94		
4"	0.0324	0.0305	4"	30.86	32.79		
5"	0.0264	0.0248	5"	37.88	40.32		
6"	0.0224	0.0210	6"	44.64	47.62		

CF 7.2 Insul-Rib

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: Nominal 36"

THICKNESS: 3", 4", 5", 6" Rib height included in thickness

LENGTH: 8'-0" TO 32'-0" for Horizontal
8'-0" TO 40'-0" for Vertical

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

u-factors and R-values³

u-factor (BTU/h·ft²·F°)

R-value (h·ft²·F°/BTU)

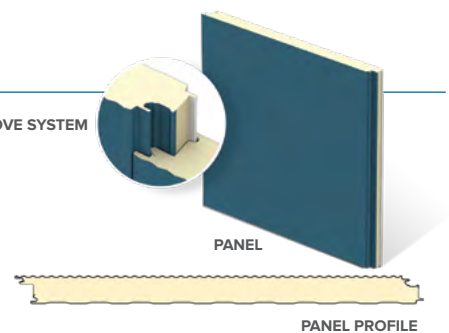
PANEL WIDTH: 36"

PANEL WIDTH: 36"

75°		75°	
3"	0.0814	3"	12.29
4"	0.0537	4"	18.62
5"	0.0395	5"	25.32
6"	0.0314	6"	31.85

CF Striated

LOCK & GROOVE SYSTEM



PRODUCT SPECIFICATIONS

WIDTH: 24"⁵, 30", 36", 42"

THICKNESS: 2", 2.5", 2.75"⁵, 3", 4"

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

UNEMBOSSED

8'-0" TO 16'-0" Horizontal
8'-0" TO 16'-0" Vertical

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

u-factors and R-values³

u-factor (BTU/h·ft²·F°)

R-value (h·ft²·F°/BTU)

PANEL WIDTH: 42"

PANEL WIDTH: 42"

75°		75°	
2"	0.0706	2"	14.16
2.5"	0.0516	2.5"	19.38
2.75"	0.0470	2.75"	21.28
3"	0.0424	3"	23.58
4"	0.0324	4"	30.86

¹ 5" and 6" CF Tuff-Cast and Tuff Wall available with Mesa, nominal 1/8" deep profile only. ² K-Factor calculations: BTU in/ft²·hr. °F

³ Based on ASTM C518, ASTM C1363 and thermal modeling, 75° F core mean temp. ⁴ Not available in unembossed. ⁵ Available only from Nevada plant