



# Metl-Span IMPs Freezing Out the Competition

The U.S. cold storage market continues to grow, and is forecasted to become nearly a \$20 billion industry by 2025. This growth has been led by the rise of industries such as online grocery sales, which requires grocers to shift from brick and mortar stores to warehouses and distribution centers.

Grocers and others alike depend on reliable building products to maintain a temperature-controlled environment that preserves the contents of their warehouses.

**Metl-Span® cold storage panels** are an ideal solution for freezer and food processing buildings—along with dry goods warehouses and other controlled environment buildings—where ensuring that products remain in peak condition is crucial for business.

## Metl-Span Cold Storage Panel Benefits:

**Preserving Insulation** — Metl-Span cold storage panels can function as walls, ceilings and roofs to deliver the highest insulating values for the building's entire lifespan. In fact, Metl-Span cold storage panels actually increase in R-value as the mean core temperature of the panel decreases.

**One-Step Installation** — Getting storage facilities up and running as quickly as possible is crucial for commodity businesses that rely on the contents of their storage for profit. Metl-Span cold storage panels help to fast-track construction times with all-in-one panels that are attached directly to the supporting structure, eliminating multiple steps of the construction process.

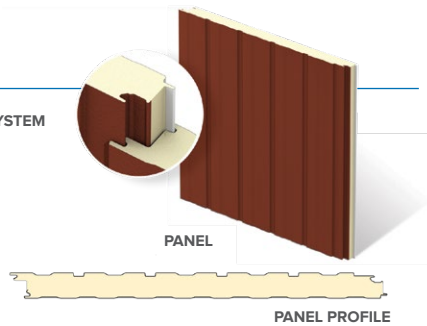
**Sustainable Savings** — Metl-Span cold storage panels are equipped with a high-efficiency foam core to provide a consistent level of insulation that drives down a facility's energy usage and overall building costs. Lower buildings costs—combined with the cost savings associated with rapid construction schedules—result in a budget-friendly cold storage building process.

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



## CF Flute

LOCK & GROOVE SYSTEM



### PRODUCT SPECIFICATIONS

**WIDTH:** 42"

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

**LENGTH:** 8'-0" to 32'-0" for horizontal  
8'-0" to 52'-0" for vertical

**EXTERIOR PROFILE:** 1" wide, nominal 3/8" deep, longitudinal reveals at 8 2/5" on center, embossed

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

PANEL WIDTH: 42"

	75°	40°
2"	0.0721	0.0692
2 1/2"	0.0523	0.0498
3"	0.0432	0.0410
4"	0.0328	0.0311
5"	0.0267	0.0252
6"	0.0226	0.0214

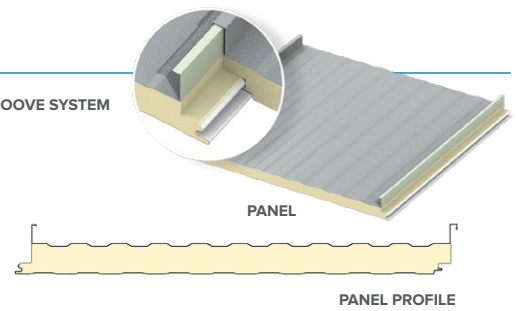
#### R-VALUE<sup>2</sup> (h·ft<sup>2</sup>·F°/BTU)

PANEL WIDTH: 42"

	75°	40°
2"	13.87	14.45
2 1/2"	19.12	20.08
3"	23.15	24.39
4"	30.49	32.15
5"	37.45	39.68
6"	44.25	46.73

## CFR

LOCK & GROOVE SYSTEM



### PRODUCT SPECIFICATIONS

**WIDTH:** 30"<sup>3</sup>, 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-FACTOR<sup>2</sup> (BTU/h·ft<sup>2</sup>·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

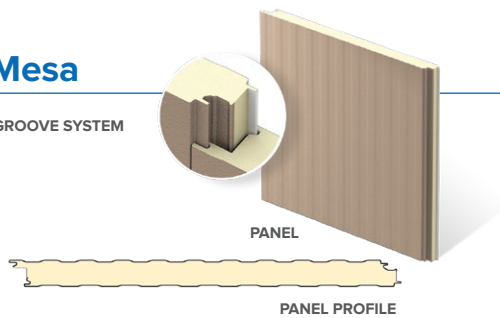
#### R-VALUE<sup>2</sup> (h·ft<sup>2</sup>·F°/BTU)

PANEL WIDTH: 42"

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

## 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:** Longitudinal corrugations spaced at nominal 4" on center, nominal 1/16" deep, embossed or unembossed

#### U-FACTOR<sup>2</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

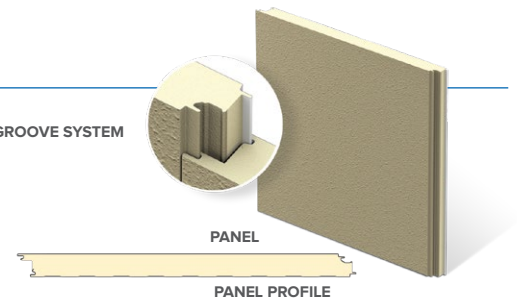
#### R-VALUE<sup>2</sup> (h·ft<sup>2</sup>·F°/BTU)

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

## Tuff-Cast

LOCK & GROOVE SYSTEM



### PRODUCT SPECIFICATIONS

**WIDTH:** 36", 42"

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

**LENGTH:** 8'-0" TO 32'-0" for horizontal textured  
8'-0" TO 40'-0" for vertical textured

**EXTERIOR PROFILE:** Factory-applied Tuff Cote® system textured finish similar to precast concrete

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

PANEL WIDTH: 42"

	75°
2"	0.0669
2 1/2"	0.0500
3"	0.0400
4"	0.0307
5"	0.0264
6"	0.0224

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

PANEL WIDTH: 42"

	75°
2"	14.95
2 1/2"	20.00
3"	25.00
4"	32.57
5"	37.88
6"	44.64

<sup>1</sup>Available only from Nevada plant. <sup>2</sup>Based on ASTM C518, ASTM C1363 and thermal modeling, 75° F core mean temp. <sup>3</sup>Available only from Texas plant. <sup>4</sup>Interior panels only.

<sup>5</sup>5" and 6" CF Tuff-Cast and Tuff Wall available with Mesa, nominal 1/8" deep profile only.