



METL-SPAN INSULATED  
METAL PANELS  
PRODUCT OVERVIEW



PIONEERING INSULATED  
METAL PANEL TECHNOLOGY



Davidson Center for

## METL-SPAN: PIONEERING INSULATED METAL PANEL TECHNOLOGY

As a pioneer in insulated metal panel development for over forty-five years, we continue to make significant contributions to many product design innovations and technology improvements that shape industry standards. We are constantly expanding our research and process capabilities in order to provide the highest quality products possible.

### DELIVERING CONSISTENT PRODUCT QUALITY

Metl-Span wall and roof insulated panels are manufactured to exacting specifications to ensure uniform quality and product consistency. Class I urethane foam is injected in-line between two steel face sheets. For superior appearance, the faces are textured with stucco embossing and are finished with baked-on coatings in standard and special colors.

Metl-Span wall and roof insulated panels are the ultimate in single step, factory insulated, energy saving panel systems. The all-in-one single element panels for wall, partition, ceiling and roof applications are durable, economical and quick to install.









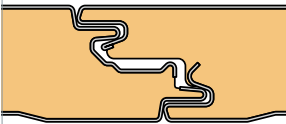
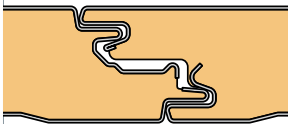
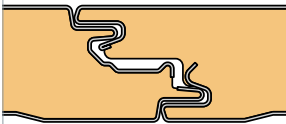
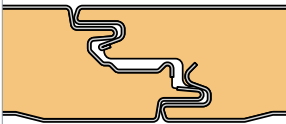
### COMMERCIAL & INDUSTRIAL APPLICATIONS

Metl-Span commercial and industrial panels serve as walls, ceilings and roofs for commercial and industrial buildings, in new and retrofit construction. Our insulated metal panels can be easily adapted to pre-engineered metal building designs for almost any end-use as walls and roofs, saving material and labor costs. Other end applications include schools, manufacturing facilities, distribution warehouses, equipment maintenance buildings, mechanical penthouses, kiosks, equipment screens, aircraft hangars, prison units and office buildings.



# Metl-Span Product Overview

## INSULATED METAL WALL PANELS

	 <b>ARCHITECTURAL</b>	 <b>HPCI BARRIER™</b>	 <b>TUFF-CAST™</b>	 <b>TUFF WALL®</b>
<b>CROSS SECTION</b>				
<b>SIDE JOINT DETAILS</b>				
<b>PANEL WIDTH</b>	24", 30", 36"	42"	36", 42"	36", 42"
<b>PANEL THICKNESS</b>	2", 2 ½", 3", 4"	2", 3"	2", 2 ½", 3", 4", 5", 6"	2", 2 ½", 3", 4", 5", 6"
<b>LENGTHS</b>	8'-0" to 32'-0"	8'-0" to 24'-0"	8'-0" to 40'-0"	8'-0" to 40'-0"
<b>PANEL CORE</b>	Polyurethane	Polyurethane	Polyurethane	Polyurethane
<b>THERMAL VALUES</b>	K-factor, Btu in/ft <sup>2</sup> hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft <sup>2</sup> hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft <sup>2</sup> hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft <sup>2</sup> hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft <sup>2</sup> hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft <sup>2</sup> hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft <sup>2</sup> hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft <sup>2</sup> hr. °F @ 40°F (4°C) mean core temperature = 0.126



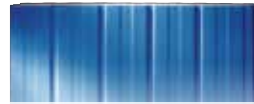
SANTA FE®



7.2 INSUL-RIB™



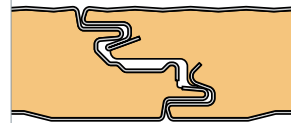
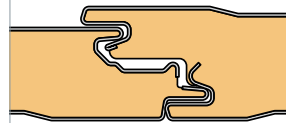
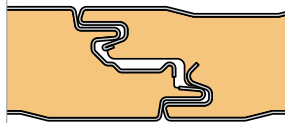
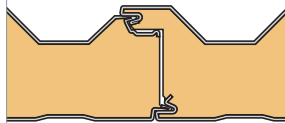
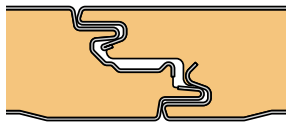
CF MESA,  
LIGHT MESA



CF FLUTED



STRIATED



36", 42"

36"

36", 42"

42"

30", 36", 42"

2", 2 1/2", 3", 4"

2 3/4" available from Nevada plant

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

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

Light Mesa: 2", 2 1/2", 3", 4"

2 3/4" available from Nevada plant

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

2 3/4" available from Nevada plant

2", 2 1/2", 3"

2 3/4" available from Nevada plant

8'-0" to 40'-0"

8'-0" to 36'-0"

8'-0" to 53'-0"

8'-0" to 53'-0"

30", 36" widths: 8'-0" to 40'-0"  
42" width: 8'-0" to 32'-0"

Polyurethane

Polyurethane

Polyurethane

Polyurethane

Polyurethane

K-factor, Btu in/ft<sup>2</sup> hr.  
°F @ 75°F (24°C) mean  
core temperature =  
0.140. K-factor, Btu in/  
ft<sup>2</sup> hr. °F @ 40°F (4°C)  
mean core temperature  
= 0.126

K-factor, Btu in/ft<sup>2</sup> hr.  
°F @ 75°F (24°C) mean  
core temperature =  
0.140. K-factor, Btu in/  
ft<sup>2</sup> hr. °F @ 40°F (4°C)  
mean core temperature  
= 0.126

K-factor, Btu in/ft<sup>2</sup> hr.  
°F @ 75°F (24°C) mean  
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0.140. K-factor, Btu in/  
ft<sup>2</sup> hr. °F @ 40°F (4°C)  
mean core temperature  
= 0.126

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0.140. K-factor, Btu in/  
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mean core temperature  
= 0.126

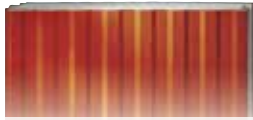
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°F @ 75°F (24°C) mean  
core temperature =  
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mean core temperature  
= 0.126



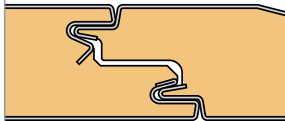
ENERGY STAR®  
designations are  
valid in U.S. only.



## SPECIALIZED PANELS



**CF PARTITION**



44 1/2"

2", 2 1/2", 3", 4", 5", 6"  
2 3/4" available from Nevada plant

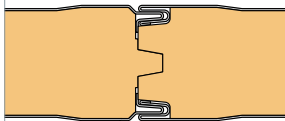
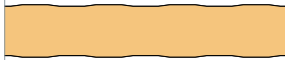
8'-0" to 53'-0"

Polyurethane

K-factor, Btu in/ft<sup>2</sup> hr.  
°F @ 75°F (24°C) mean  
core temperature =  
0.140. K-factor, Btu in/  
ft<sup>2</sup> hr. °F @ 40°F (4°C)  
mean core temperature  
= 0.126



**THERMSAFE®  
FIRE RESISTANT  
INSULATED PANEL**



42"

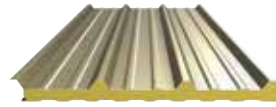
Nominal 4", 5", 6", 7", 8"

8'-0" to 40'-0"

Variable by thickness

Non-combustible, rigid  
mineral wool lamellas.  
Mineral wool fibers are oriented  
perpendicular to the panel faces  
for maximum structural strength.

K-factor of .275 btu/  
sf/hr./deg. F at a  
75°F (24°C) mean  
temperature.



**LS-36™ INSULATED  
METAL ROOF &  
WALL PANEL**



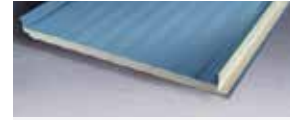
36"

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

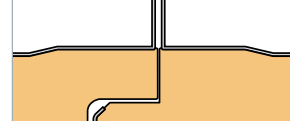
8'-0" to 50'-0"

Polyurethane

K-factor, Btu in/ft<sup>2</sup> hr.  
°F @ 75°F (24°C) mean  
core temperature =  
0.140. K-factor, Btu in/  
ft<sup>2</sup> hr. °F @ 40°F (4°C)  
mean core temperature  
= 0.126



**CFR INSULATED  
METAL ROOF PANEL**



30", 36", 42"

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

9'-6" to 53'-0"

Polyurethane

K-factor, Btu in/ft<sup>2</sup> hr.  
°F @ 75°F (24°C) mean  
core temperature =  
0.140. K-factor, Btu in/  
ft<sup>2</sup> hr. °F @ 40°F (4°C)  
mean core temperature  
= 0.126



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