



METL-SPAN INSULATED
METAL PANELS
PRODUCT OVERVIEW



PIONEERING INSULATED
METAL PANEL TECHNOLOGY



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



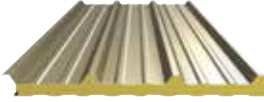





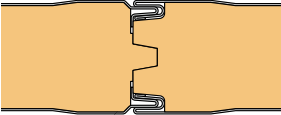
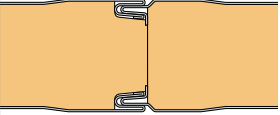
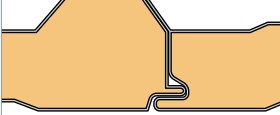

INSULATED METAL WALL PANELS

	ARCHITECTURAL	HPCI BARRIER™	TUFF-CAST™	TUFF WALL®	SANTA FE®
CROSS SECTION					
SIDE JOINT DETAILS					
PANEL WIDTH	24", 30", 36"	42"	36", 42"	36", 42"	36", 42"
PANEL THICKNESS	2", 2 1/2", 3", 4"	2", 3"	2", 2 1/2", 3", 4", 5", 6"	2", 2 1/2", 3", 4", 5", 6"	2", 2 1/2", 3", 4" 2 3/4" available from Nevada plant
LENGTHS	8'-0" to 32'-0"	8'-0" to 24'-0"	8'-0" to 40'-0"	8'-0" to 40'-0"	8'-0" to 40'-0"
PANEL CORE	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
THERMAL VALUES	K-factor, Btu in/ft ² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft ² hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft ² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft ² hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft ² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft ² hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft ² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft ² hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft ² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft ² hr. °F @ 40°F (4°C) mean core temperature = 0.126

7.2 INSUL-RIB™	CF MESA, LIGHT MESA	CF FLUTED	STRIATED	CF PARTITION
36"	36", 42"	42"	30", 36", 42"	44 ½"
2 ½", 3", 4", 5", 6"	Mesa: 2", 2 ½", 3", 4", 5", 6" Light Mesa: 2", 2 ½", 3", 4" 2 ¾" available from Nevada plant	2", 2 ½", 3", 4", 5", 6" 2 ¾" available from Nevada plant	2", 2 ½", 3", 4" 2 ¾" available from Nevada plant	2", 2 ½", 3", 4", 5", 6" 2 ¾" available from Nevada plant
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"	8'-0" to 53'-0"
Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
K-factor, Btu in/ft² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ ft² hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ ft² hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ ft² hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ ft² hr. °F @ 40°F (4°C) mean core temperature = 0.126	K-factor, Btu in/ft² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ ft² hr. °F @ 40°F (4°C) mean core temperature = 0.126



SPECIALIZED PANELS

			
<p>THERMSAFE® FIRE RESISTANT INSULATED PANEL</p>	<p>THERMSAFE® NC (NON-COMBUSTIBLE) INSULATED PANEL</p>	<p>LS-36™ INSULATED METAL ROOF & WALL PANEL</p>	<p>CFR INSULATED METAL ROOF PANEL</p>
			
			
<p>42"</p>	<p>42"</p>	<p>36"</p>	<p>30", 36", 42"</p>
<p>Nominal 4", 5", 6", 7", 8"</p>	<p>Nominal 3"</p>	<p>1 ½", 2", 2 ½", 3", 4", 5", 6"</p>	<p>2", 2 ½", 3", 4", 5", 6"</p>
<p>8'-0" to 40'-0" Variable by thickness</p>	<p>8'-0" to 40'-0" Variable by thickness</p>	<p>8'-0" to 50'-0"</p>	<p>9'-6" to 53'-0"</p>
<p>Non-combustible, rigid mineral wool lamellas. Mineral wool fibers are oriented perpendicular to the panel faces for maximum structural strength.</p>	<p>Non-combustible, rigid mineral wool lamellas. Mineral wool fibers are oriented perpendicular to the panel faces for maximum structural strength.</p>	<p>Polyurethane</p>	<p>Polyurethane</p>
<p>K-factor of .275 btu/sf/hr./deg. F at a 75°F (24°C) mean temperature.</p>	<p>K-factor of .275 btu/sf/hr./deg. F at a 75°F (24°C) mean temperature.</p>	<p>K-factor, Btu in/ft² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft² hr. °F @ 40°F (4°C) mean core temperature = 0.126</p>	<p>K-factor, Btu in/ft² hr. °F @ 75°F (24°C) mean core temperature = 0.140. K-factor, Btu in/ft² hr. °F @ 40°F (4°C) mean core temperature = 0.126</p>



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