PRODUCT SHOWCASE
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Leader</td>
<td>2</td>
</tr>
<tr>
<td>Why Insulated Metal Panels</td>
<td>3</td>
</tr>
<tr>
<td>What We've Done</td>
<td>6</td>
</tr>
<tr>
<td>Our Products</td>
<td>12-21</td>
</tr>
<tr>
<td>Meti-Vision®</td>
<td>23</td>
</tr>
<tr>
<td>Testing &amp; Certifications</td>
<td>24</td>
</tr>
<tr>
<td>Design Options</td>
<td>25</td>
</tr>
<tr>
<td>Single Skin Products</td>
<td>26-29</td>
</tr>
</tbody>
</table>
INDUSTRY LEADER

INSULATED METAL PANELS

METL-SPAN DELIVERS HIGH-QUALITY, DURABLE AND ENERGY-EFFICIENT SOLUTIONS DESIGNED FOR UNPARALLELED PERFORMANCE TO STAND THE TEST OF TIME.

Metl-Span is a dynamic industry innovator dedicated to manufacturing and providing the highest quality insulated building panel products. Since our origination in 1968, we have been pioneers in research, design, production and sale of state-of-the-art insulated metal panels for institutional, commercial, industrial and cold storage buildings.

Metl-Span ensures you will remain on-time and on-budget with your building projects through our unmatched customer service. Because our employees understand your needs and are committed to your success, we provide you with the tools needed to incorporate our insulated panels into virtually any building design.
WHY INSULATED METAL PANELS (IMPs)

FEATURES & BENEFITS

ALL-IN-ONE BARRIER

Metl-Span panels are comprised of an advanced urethane core* that is injected between two pre-finished steel facings, forming a single, all-in-one unit. The result is the most thermally efficient panel available. Wall panels also have a specially formed side joint that permits the hidden application of sealant within recessed grooves, creating an impenetrable water and vapor seal that protects your building against extreme weather.

ENERGY EFFICIENCY

Each insulated metal panel contains an advanced urethane core* that provides highly efficient insulation to drive down building energy usage and overall costs.

PRESENCE

Metl-Span strives to offer production dates determined by customer needs, not manufacturer convenience. With manufacturing locations across the United States and Canada, Metl-Span offers faster service to our customers and reduced transportation costs.

TIME

Metl-Span panels are pre-fabricated units, shipped to the jobsite ready-to-install in nearly all types of weather.

LABOR COSTS

Insulated metal panels are designed for easy and efficient installation to keep your project on schedule with concealed fastener system in the side joint it allows quick installation, reducing construction time and getting closed in sooner.

IMPs reduce the amount of labor trades associated with conventional multi-component wall and roof assemblies. IMPs all-in-one construction provides all necessary thermal, air, vapor and water barriers in a single product.

GREEN STANDARDS/SUSTAINABLE

Metl-Span panels are sustainably constructed, qualifying many buildings for credits in the Leadership in Energy and Environmental Design (LEED®) Rating System.

FIRE-RESISTANT SOLUTIONS

Composite IMPs are available, using non-structural mineral wool insulation fabricated and tested to achieve the needed fire ratings.

DESIGN FLEXIBILITY

Metl-Span panels are available in a variety of flat and corrugated surfaces suitable for exterior walls, interior walls and roofs. They come in multiple profiles that can be used in either horizontal or vertical designs with custom modular widths and corners. Rounding things out is the full range of colors, reveals, and detail accessories that can support or enhance any design.

* ThermalSafe panels contain a fire-resistive mineral wool core.
IMPs create the perfect envelope solution in one easy step compared to traditional built-up methods.

**INSULATED METAL PANELS**

**INSULATED METAL PANEL WALL**
- Double joint system provides redundancy against leakage.
- Rigid, continuous insulation, no loss of R-value due to compression.
- Meets or exceeds energy code requirements in ALL climate zones.
- FM 4880 Class 1 approved. Suitable for use in combustible and non-combustible construction per IBC chapter 26.

**HPCI WITH BRICK OVERLAY**
- Single component IMP barrier wall simplifies design and installation.
- Eliminates condensation risks associated with cavity walls.
- Meets energy code requirements in ALL climate zones.
- Single step installation provides savings when labor costs are high.

**INSULATED METAL PANEL ROOF**
- IMPs are rigid, no loss of R-value due to compression.
- Weathertight seams ensure proper performance against leakage.
- Panels are factory notched and swaged for ease of installation.
- Panels contain all necessary control layers (air, water, vapor and thermal).
**Single Layer Wall**
- No redundancy - failures in barrier wall result in uncontrolled leakage.
- Compressed insulation can reduce in-place R-values by as much as 40%.
- Vapor barrier facing subject to wear and tear, damaging air/vapor barrier integrity.

**MULTI-COMPONENT WALLS**
- Increases wall design complexity.
- Multiple components = multiple trades = increased labor cost and risk.
- Barrier wall design may vary with climate zone.

**BRICK & MASONRY WALL**
- Cavity wall design is complex and varies with climate zone.
- Multiple component walls require different trades, increasing construction time and risk.
- Cavity based insulation can reduce rated R-values by up to 40%.

**SINGLE LAYER ROOF**
- Compression of insulation results in R-value drops of as much as 40%.
- No longer possible to meet energy codes in many areas with this system.

**CAVITY FILLED ROOF**
- Multiple components increase installation time.
- Installation requires working over and under roof.
- Air/vapor barrier is punctured by purlin bracing.
- Air/vapor barrier difficult to install in wind, hard to keep smooth and flat.

**TRADITIONAL BUILT-UP METHODS**
Ideally suited for cold storage, commercial and industrial buildings - such as, education, warehouses, healthcare, offices and many more. In addition, retrofit renovations are a great option for upgrading appearances and adding insulation values to existing structures. Metl-Span insulated metal panels can help make your dream building become a reality and add to LEED certification.
PROJECT: THE PABLO CENTER AT THE CONFLUENCE
PANEL TYPE: 7.2 INSUL-RIB
LOCATION: EAU CLAIRE, WISCONSIN

PROJECT: FRESH DIRECT
PANEL TYPE: LIGHT MESA, MESA
LOCATION: BRONX, NEW YORK
PROJECT: THE FINLEY CENTER SPORTS COMPLEX
PANEL TYPE: CFR ROOF, MESA
LOCATION: HOOVER, ALABAMA

PROJECT: GREENVILLE PUBLIC WORKS
PANEL TYPE: 7.2 INSUL-RIB, CFR ROOF, STRIATED
LOCATION: GREENVILLE, SOUTH CAROLINA

PROJECT: MASCO
PANEL TYPE: CF ARCHITECTURAL
LOCATION: LIVONIA, MICHIGAN

PROJECT: OLYMPIC VIEW MIDDLE SCHOOL
PANEL TYPE: CF ARCHITECTURAL, CFR ROOF
LOCATION: MUKILTEO, WASHINGTON

PROJECT: VALE CHURCH
PANEL TYPE: IBL, STRIATED
LOCATION: BLOOMINGTON, ILLINOIS
Due to their excellent insulating and weatherproofing characteristics, as well as their very competitive installation cost, Metl-Span panels are ideally suited for use as walls, ceilings and roofs for commercial, industrial, institutional, and architectural buildings of virtually any scale, in both new and retrofit construction.
PANEL SPECIFICATIONS

**CF ARCHITECTURAL VERTICAL**

- **Width:** 24", 30", 36"
- **Thickness:** 2", 2½", 3", 4"
- **Length:**
  - NON-DIRECTIONAL EMBOSSED
    - 8'-0" to 32'-0"
  - UNEMBOSSED
    - 8'-0" to 16'-0"
- **Exterior Profile:** Flat appearance providing a monolithic look, embossed or unembossed
- **Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 22 Ga.
- **Interior Profile:** Light Mesa, nominal ½" deep, embossed or unembossed
- **Interior Face:** G-90 galvanized, or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Joint:** Offset double tongue-and-groove with extended metal shelf for positive face fastening
- **Reveal:** Up to 1" reveal options in ¼" increments or up to 3" reveal options in ½" increments

**CF ARCHITECTURAL HORIZONTAL**

- **Width:** 24", 30", 36"
- **Thickness:** 2", 2½", 3", 4"
- **Length:**
  - NON-DIRECTIONAL EMBOSSED
    - 8'-0" to 32'-0"
  - UNEMBOSSED
    - 8'-0" to 16'-0"
- **Exterior Profile:** Flat appearance providing a monolithic look, embossed or unembossed
- **Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 22 Ga.
- **Interior Profile:** Light Mesa, nominal ½" deep, embossed or unembossed
- **Interior Face:** G-90 galvanized, or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Joint:** Offset double tongue-and-groove with extended metal shelf for positive face fastening
- **Reveal:** Up to 1" reveal options in ¼" increments or up to 3" reveal options in ½" increments
**PROFILED**

**CF STRIATED**

**PANEL SPECIFICATIONS**

- **Width:** 24", 30", 36", 42"
- **Thickness:** 2", 2½", 2¾", 3", 4"
- **Length:**
  - **NON-DIRECTIONAL EMBOSSED**
    - 8'-0" to 32'-0" Horizontal
    - 8'-0" to 40'-0" for 24", 30", 36" Vertical
    - 8'-0" to 32'-0" for 42" Vertical
  - **UNEMBOSSED**
    - 8'-0" to 16'-0" Horizontal
    - 8'-0" to 16'-0" Vertical
- **Exterior Profile:** Longitudinal striations, nominal 1/32" deep, embossed or unembossed
- **Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 24 and 22 Ga.
- **Interior Profile:** Light Mesa, nominal 1/16" deep, embossed or unembossed
- **Interior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Joint:** Offset double tongue-and-groove with extended metal shelf for positive face fastening

**CF MESA**

**PANEL SPECIFICATIONS**

- **Width:** 30", 36", 42"
- **Thickness:** 2", 2½", 3", 4", 5", 6"
- **Length:**
  - **NON-DIRECTIONAL EMBOSSED**
    - 8'-0" to 32'-0" Horizontal
    - 8'-0" to 52'-0" Vertical
  - **UNEMBOSSED**
    - 8'-0" to 16'-0" Horizontal
    - 8'-0" to 16'-0" Vertical
- **Exterior Profile:** Longitudinal corrugations spaced at nominal 4" on center, nominal 1/8" deep, embossed or unembossed
- **Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Interior Profile:** Mesa, nominal 1/8" deep or Light Mesa, nominal 1/16" deep, embossed or unembossed
- **Interior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Joint:** Offset double tongue-and-groove with extended metal shelf for positive face fastening

**CF LIGHT MESA**

**PANEL SPECIFICATIONS**

- **Width:** 30", 36", 42"
- **Thickness:** 2", 2½", 3", 4", 5", 6"
- **Length:**
  - **NON-DIRECTIONAL EMBOSSED**
    - 8'-0" to 32'-0" Horizontal
    - 8'-0" to 52'-0" Vertical
  - **UNEMBOSSED**
    - 8'-0" to 16'-0" Horizontal
    - 8'-0" to 16'-0" Vertical
- **Exterior Profile:** Lightly profiled 1/16" deep, longitudinal corrugations spaced at nominal 4" on center, embossed or unembossed
- **Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Interior Profile:** Light Mesa, nominal 1/16" deep, embossed or unembossed
- **Interior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Joint:** Offset double tongue-and-groove with extended metal shelf for positive face fastening

* Contact Metl-Span for reveal options.  
+ Endfolds, factory pre-formed corners and trimless ends available.  
* Available only from Nevada plant.

± Center-to-center corrugation spacing, may vary by manufacturing location.  
** Not available in unembossed.
+ Not available as an exterior application.  
Contact Metl-Span for custom length availability.
PROFILED CONTINUED

CF FLUTE

PANEL SPECIFICATIONS

Width: 42"

Thickness: 2", 2½", 2¾", 3", 4", 5", 6"

Length: NON-DIRECTIONAL EMBOSSED

8'-0" to 32'-0" Horizontal
8'-0" to 52'-0" Vertical

Exterior Profile: 1" wide, nominal 3/8" deep, longitudinal reveals at 8.4" on center, embossed


Interior Profile: Mesa, nominal 1/8" deep or Light Mesa, nominal 1/16" deep, embossed or unembossed

Interior Face: G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

Joint: Offset double tongue-and-groove with extended metal shelf for positive face fastening
**CF SANTA FE**

**PANEL SPECIFICATIONS**

**Width:** 24**, 30**, 36*, 42''

**Thickness:** 2", 2½", 2¾**, 3", 4"

**Length:** 8'-0'' to 32'-0'' Horizontal

8'-0'' to 40'-0'' Vertical

**Exterior Profile:** Flat profile with heavy embossing resembling old-world hand plaster

**Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 24 and 22 Ga.

**Interior Profile:** Light Mesa, nominal 1/16'' deep, embossed or unembossed

**Interior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

**Joint:** Offset double tongue-and-groove with extended metal shelf for positive face fastening

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**CF 7.2 INSUL-RIB**

**PANEL SPECIFICATIONS**

**Width:** Nominal 36''

**Thickness**: 3'', 4'', 5'', 6''

Rib height included in thickness

**Length:** NON-DIRECTIONAL EMBOSSED

8'-0'' to 32'-0'' Horizontal

8'-0'' to 40'-0'' Vertical

UNEMBOSSED

8'-0'' to 32'-0'' Horizontal

8'-0'' to 40'-0'' Vertical

**Exterior Profile:** 7.2'' on center rib pattern, 1 1/2'' tall, embossed or unembossed

**Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

**Interior Profile:** Mesa, nominal 1/8'' deep, embossed

**Interior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

**Joint:** Offset double tongue-and-groove with extended metal shelf for positive face fastening

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**LS-36**

**PANEL SPECIFICATIONS**

**Width:** 36''

**Thickness:** 1 1/2'', 2'', 2 1/2'', 3'', 4'', 5'', 6''

Rib height not included in thickness

**Length:** NON-DIRECTIONAL EMBOSSED

8'-0'' to 50'-0'' Vertical

UNEMBOSSED

8'-0'' to 50'-0'' Vertical

**Exterior Profile:** 1 1/2'' high major ribs at 12'' on center, embossed or unembossed

**Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

**Interior Profile:** Mesa, nominal 1/8'' deep, embossed

**Interior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

**Joint:** Overlapping with a single tongue-and-groove

**Fastening:** Exposed through fasteners

**Uplift Performance:** FM Approvals Standard 4471

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* Contact Metl-Span for reveal options. | ● Endfolds, factory pre-formed corners and trimless ends available.

*Available only from Nevada plant. | **Not available in unembossed. | *Measured to top of rib.

Contact Metl-Span for custom length availability.
FIRE RESISTANCE

THERMALSAFE® & THERMALSafe NON-EXPOSED FASTENER (NEF)
Achieves a one-, two- or three-hour fire resistance rating for walls and 1.5 hours for ceilings.

PANEL SPECIFICATIONS
Width: 42”
Thickness: Nominal 3”, 4”, 5”, 6”, 7”, 8”
Length: NON-DIRECTIONAL EMBOSSED
8’-0” to 52’-0” Vertical
UNEMBOSSED
8’-0” to 40’-0” Vertical
Exterior Profile: Ultra-Light Mesa, Santa Fe or Striated, nominal 1/32” deep, embossed or unembossed
Interior Profile: Ultra-Light Mesa, nominal 1/32” deep, embossed or unembossed
Interior Face: G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26 and 24 Ga.
Joint: Exclusive LockGuard® side joint has a flush, double tongue-and-groove connection of the metal faces with an advanced integral spline to join the mineral wool core
Core: Non-combustible, rigid mineral wool lamellas. Mineral wool fibers are oriented perpendicular to the panel faces for maximum structural strength.
Thermal Values: K-Factor** @ 75° F (24° C) is 0.275
R-Value: The core insulating properties are 3.61 "R" per inch
Fastening: Available with either through-fastening across the width of the panel to the support framing or non-exposed fastening (NEF) by securing through the back of the panel for a flush visual appearance.
Consult fire-resistant listings for fastener types and spacing. Fastening patterns may vary depending on specific windload and fire-resistant requirements.

INTERIOR PARTITION

CF PARTITION

PANEL SPECIFICATIONS
Width: 44½”
Thickness: 2”, 2½”, 2¾”, 3”, 4”, 5”, 6”
Length: NON-DIRECTIONAL EMBOSSED
8’-0” to 52’-0” Vertical
UNEMBOSSED
8’-0” to 40’-0” Vertical
Exterior Profile: Mesa, nominal ⅛” deep, embossed or Light Mesa, nominal ⅛” deep, embossed or unembossed
Interior Profile: Mesa, nominal ⅛” deep, embossed or Light Mesa, nominal ⅛” deep, embossed or unembossed
Interior Face: G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
Joint: Offset double tongue-and-groove (the extended metal shelf is eliminated on the Partition wall panel)
PROJECT: INNOVATION FIRST INTERNATIONAL
PANEL TYPE: CFR ROOF, SANTA FE
LOCATION: GREENVILLE, TEXAS
PROJECT: LOUDOUN WATER TREATMENT FACILITY
PANEL TYPE: 7.2 INSUL-RIB, CF ARCHITECTURAL
LOCATION: LEESBURG, VIRGINIA
TUFF COTE® WALL PANELS

CF TUFF WALL™ (STUCCO-LIKE FINISH)  •  ●

PANEL SPECIFICATIONS

Width: 36", 42"
Thicknes: 2", 2 ½", 3", 4", 5", 6"
Length: 8'-0" to 32'-0" Horizontal
8'-0" to 40'-0" Vertical
Exterior Profile: Factory-applied Tuff Cote® system textured
finish similar to stucco and pre-cast like finish
Exterior Face: G-90 galvanized or AZ-50 aluminum-zinc
coated steel in 24 and 22 Ga.
Interior Profile: Light Mesa, nominal 1/16" deep, embossed or
unembossed
Interior Face: G-90 galvanized or AZ-50 aluminum-zinc
coated steel in 26, 24 and 22 Ga.
Joint: Offset double tongue-and-groove with extended metal
shelf for positive face fastening
Core: Foamed-in-place, Non-CFC & zero ODP Polyurethane,
FM Approved Class 1 with no height restrictions
Thermal Values: K-Factor** @ 75° F (24° C) is 0.14, @ 40° F (4°
C) is 0.126
Exterior Texture: Tuff Cote® finish system—a hard aggregated
fiber-reinforced polymer coating
Exterior Coatings: Hard aggregated fiber-reinforced polymer
coating created with the factory-applied Tuff Cote® finish
system. Tuff Cote® finish offers an extremely durable, impact
and abrasion-resistant coating that can withstand severe
weather conditions.
Fastenings: Fastener and clip concealed in the side joint

CF TUFF-CAST® (PRE-CAST LIKE FINISH)  •  ●

Contact Metl-Span for reveal options. • Endfolds, factory pre-formed corners and trimless ends available.
**K-Factor calculations: Btu in/ft²hr. °F. • Mesa 1/8" profile.
SINGLE-PANEL BARRIER WALL

HPCI BARRIER

PANEL SPECIFICATIONS

Width: 42"

Thickness: 2", 2 ½", 3", 4", 5", 6"

Length: NON-DIRECTIONAL EMBOSSED
- 8'-0" to 32'-0" Horizontal
- 8'-0" to 52'-0" Vertical

Exterior Profile: Longitudinal ribs, spaced at nominal 4" on center, nominal 1/16" deep, embossed

Exterior Face: G-90 galvanized or AZ-50 aluminum-zinc coated steel in min. 26 Ga.

Interior Profile: Light Mesa, nominal 1/16" deep, embossed or unembossed

Interior Face: G-90 galvanized or AZ-50 aluminum-zinc coated steel in min. 26 Ga.

Joint: Offset double tongue-and-groove with extended metal shelf for positive face fastening

Core: Foamed-in-place, zero ozone-depleting polyurethane (zero ODP)

Thermal Value: K-Factor** @ 75° F (24° C) is 0.140
ROOF

**CFR**

**PANEL SPECIFICATIONS**
- **Width:** 30", 36", 42"
- **Thickness:** 2", 2½", 3", 4", 5", 6"
- **Length:** NON-DIRECTIONAL EMBOSSED
  - 9'-6" to 53'-0", contact Metl-Span for custom availability.
- **Exterior Profile:** 2" high standing seam with a Mesa profile between the seams, embossed
- **Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 24 and 22 Ga.; or AZ-55 aluminum-zinc coated steel with a clear acrylic coating in 24 Ga.
- **Interior Profile:** Mesa, nominal ¼" deep, embossed or unembossed
- **Interior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Joint:** Concealed clip mechanically seamed singlelock standing seam at the exterior side joint. The interior side joint is a single tongue-and-groove interlock.
- **Uplift Performance:** UL 90 rated, FM Approvals Standard 4471, and Florida Building Code approved. Dade County NOA.

**LS-36**

**PANEL SPECIFICATIONS**
- **Width:** 36"
- **Thickness:** 1½", 2", 2½", 3", 4", 5", 6"
  - Rib height not included in thickness
- **Length:** NON-DIRECTIONAL EMBOSSED
  - 8'-0" to 50'-0" Vertical
  - UNEMBOSSED
  - 8'-0" to 50'-0" Vertical
- **Exterior Profile:** 1½" high major ribs at 12" on center, embossed or unembossed
- **Exterior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Interior Profile:** Mesa, nominal ¼" deep, embossed
- **Interior Face:** G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Joint:** Overlapping with a single tongue-and-groove
- **Fastening:** Exposed through fasteners
- **Uplift Performance:** FM Approvals Standard 4471

**K-Factor calculations:** Btu in/ft²hr. °F.  
**Available only from Texas plant.**  
**Contact Metl-Span for custom length availability.**
PROJECT: OVERMOUNTAIN VINEYARD GUEST HOUSE
PANEL TYPE: MESA, LS-36
LOCATION: POLK COUNTY, NORTH CAROLINA
METL-VISION®

Metl-Span has developed the Metl-Vision® window system to further complement the exceptional architectural aesthetics and function of Metl-Span’s horizontal wall panels. Metl-Vision® is the first window system engineered to integrate fully with Architectural 2” and 3” horizontal wall panels. The Metl-Vision® flush frame eliminates interface problems commonly encountered with standard windows, and minimizes sight lines to enhance finished assembly appearance. The system offers great flexibility in window size, multiple lite configurations and window-finish options.

PANEL SPECIFICATIONS

Window Height: Available in increments matching standard wall panel widths of 24”, 30” and 36”. Custom widths and corresponding heights are available between 12” and 36”.

Window Width: Virtually unlimited widths are obtainable using spliced head and sill members in combination with intermediate vertical muntins. Window unit jambs can be located to match with vertical wall panel joints or located away.

Glazing Material Thickness: Standard 1”

Window Projection: The frame is 4” deep and designed to fit flush with exterior panels

FINISHES

Anodized: Clear, Dark Bronze, Black

2-Coat Painted: Custom color consisting of fluoropolymer coatings

3-Coat Painted: Custom color consisting of fluoropolymer coatings and clear coat

Mill Finish: Bare aluminum
**FM APPROVAL**

Metl-Span products carry a standard FM Approval Class 1 certification. The FM Approval certification mark verifies products and services will meet stated conditions of performance, safety and quality useful to the ends of property conservation.

Approval criteria for Class 1 are observation of test sample production, performance requirements, marking requirements, examination of manufacturing facilities, audit of quality assurance procedures and a follow-up program.

This FM Approval Class 1 rating ensures your investment is a quality product that consistently performs to the standards specified.

**THIRD-PARTY CERTIFICATIONS & LISTINGS FOR CF FOAM PANELS**

The panels are certified and listed by third-party agencies and tested in accordance with ASTM E84, ASTM E108, CAN/ULC S101, S102, S107, S126, S134, S138, NFPA 259, NFPA 285 and NFPA 286.

**FIRE-RESISTANCE TESTS (THERMALSafe ONLY)**

FM Approval Standard 4880 internal wall and ceiling panels, ASTM E119, CAN/ULC S101, UL 263

The ThermalSafe product offers one-, two- and three-hour fire resistance for non-load-bearing walls and a 90-minute fire-resistance rating for a non-load-bearing ceiling.

- 4” thickness offers one-hour fire resistance wall listing at UL and Intertek
- 6” thickness offers two-hour fire resistance wall listing and a 90-minute ceiling listing at Intertek
- 7” thickness offers two-hour fire resistance wall listing at UL
- 8” thickness offers three-hour fire resistance wall listing at UL and Intertek

**MIAMI DADE COUNTY NOAS**

CF wall panels installed vertically or horizontally and CFR roof panels are approved to be installed in the county subject to the conditions of the published notices of acceptance.

**STATE OF FLORIDA**

Metl-Span CF Series and ThermalSafe panels all have State of Florida product approval.

**CITY OF LOS ANGELES RESEARCH REPORT**

ICC Evaluation Service Report ESR - 2218, applicable to CF Flute, CF Mesa, and CF Partition Panels.

**ENVIRONMENTALLY CONNECTED**

Given today’s emphasis on performance-driven building design and construction, Metl-Span’s products offer the best solution to help optimize building efficiency for architects, contractors and owners.

Metl-Span, as part of NCI Group, Inc., leads the industry in the development of energy-efficient and cost-effective insulated metal panel systems, through UL-certified and ISO-compliant products. Our company has been dedicated to a cleaner, safer environment since our origination in 1968. As evidence of our leadership in this role, we offer an Environmental Product Declaration (EPD), which provides a detailed analysis of our products’ environmental manufacturing footprint, based on an ISO-compliant Life Cycle Assessment (LCA).

Metl-Span’s LCA measures the impact of our products on the environment during all phases of their life, from supply chain through the manufacturing process to product use and end of life. ISO LCA standards are applied to accurately report the products’ impact on the environment.

See metlspan.com for published EPD and LCA.
DESIGN OPTIONS

HORIZONTAL/VERTICAL
Metl-Span insulated metal panels provide you design freedom with horizontal and vertical applications. The options to create building curb appeal include panel orientation coupled with a variety of finishes, textures and colors.

COLORS
Insulated metal panels come in a variety of standard colors to meet solar reflective requirements. For a complete list of our standard colors, please review our color chart. We also do custom colors and color matching. For more information regarding specific colors, please contact a local representative.

FINISHES
To ensure a lasting, quality appearance, the exterior face sheet of all Metl-Span insulated metal wall, CFR and ThermalSafe® mineral wool panels are treated with a base primer, followed by a premium, full-strength 70% PVDF fluoropolymer coating as standard. A siliconized polyester coating is available in a limited palette of standard colors for projects where economy is the primary consideration. A wide variety of finishes are available. For more information, see color chart or visit metlspan.com.

DESIGN OPTIONS
• IMPs and Masonry
• Mosaic Patterns
• Color and Profile Variations
• Accent Bands
• Flashings and Extrusions
• Interior Exposed
• Interior Finished

For more information, contact your local sales representative.

WARRANTY
Metl-Span insulated metal wall, CFR and ThermalSafe® mineral wool panels are guaranteed to be free from defects in material and workmanship for a period of two years from the date of substantial completion. Ensuring watertightness and/or vaportightness is a function of the installer and is not covered by the warranty from Metl-Span. Complete standard limited warranty information is available upon request.

IN-HOUSE PRE/POST SALES SERVICES OFFERED
• Drafting/Technical Services
• Certified Installer Training
• On-Site Field Training
• Weathertight Warranties

PROJECT: SKS BOTTLE & PACKAGING
PANEL TYPE: LIGHT MESA, SANTA FE
LOCATION: SARATOGA SPRINGS, NEW YORK
SINGLE SKIN PRODUCTS

PRODUCT SPECIFICATIONS

CONCEALED FASTENER

**DESIGNER™ SERIES 12” FLAT WALL PANEL**

**PANEL SPECIFICATIONS**

**Profile:** Flat with a 1¾” deep leg

**Width:** 12’

**Length:** 5'-0” to 30'-0”

**Exterior Face:** Smooth as standard G-90 galvanized or AZ-50 aluminum-zinc coated steel in 24 and 22 Ga.

**Standard Exterior:** Full-strength 70% PVDF fluoropolymer or siliconized polyester coating

**Fastening:** Concealed fastening system

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**DESIGNER™ SERIES 16” FLUTED WALL PANEL**

**PANEL SPECIFICATIONS**

**Profile:** 4” wide Flutes, nominal ⅜” deep with a 1¾” deep leg

**Width:** 16’

**Length:** 5'-0” to 35'-0”

**Exterior Face:** Smooth as standard G-90 galvanized or AZ-50 aluminum-zinc coated steel in 24 and 22 Ga.

**Standard Exterior:** Full-strength 70% PVDF fluoropolymer or siliconized polyester coating

**Fastening:** Concealed fastening system

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**FW-120**

**PANEL SPECIFICATIONS**

**Profile:** Flat with options of one bead at 6” on center or two beads, 4” apart

**Width:** 12’

**Length:** 5'-0” to 30'-0”

**Exterior Face:** Smooth as standard G-90 galvanized or AZ-50 aluminum-zinc coated steel in 24, 22 and 20 Ga.

**Standard Exterior:** Full-strength 70% PVDF fluoropolymer coating

**Fastening:** Concealed fastening system
**NUWALL® METAL PANEL**

**PANEL SPECIFICATIONS**

Profile: 2½" deep panel with ½" deep fluting

Width: 12"

Length: 5'-0" to 40'-0"


**Standard Exterior:** Full-strength 70% PVDF fluoropolymer coating or siliconized polyester coating

**Fastening:** Concealed fastening system

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**ARTISAN® SERIES METAL SOFFIT PANEL**

**PANEL SPECIFICATIONS**

Profile: Flat panel

Width: 12"

Length: 12" panel: 4'-0"; inquire about longer lengths


**Standard Exterior:** Full-strength 70% PVDF fluoropolymer coating or siliconized polyester coating

**Fastening:** Concealed fastening system

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**SHADOWRIB® METAL PANEL**

**PANEL SPECIFICATIONS**

Profile: 3" deep panel with 1½" deep by 5¼" wide fluting

Width: 16"

Length: 5'-0" to 40'-0"


**Standard Exterior:** Full-strength 70% PVDF fluoropolymer coating or siliconized polyester coating

**Fastening:** Concealed fastening system
## SINGLE SKIN PRODUCTS CONTINUED

### PRODUCT SPECIFICATIONS

### EXPOSED FASTENER

#### 7.2 METAL WALL PANEL

**PANEL SPECIFICATIONS**

- **Profile:** Traditional 1½" high-rib height at 7.2" on center
- **Width:** 36”
- **Length:** 5'-0" to 50'-0"
- **Exterior Face:** Smooth as standard G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Standard Exterior:** Full-strength 70% PVDF fluoropolymer coating or siliconized polyester coating
- **Fastening:** Exposed fastening system

#### PBR METAL WALL PANEL

**PANEL SPECIFICATIONS**

- **Profile:** 1¼" rib height at 12" on center
- **Width:** 36”
- **Length:** 5'-0" to 50'-0"
- **Exterior Face:** Smooth as standard G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Standard Exterior:** Full-strength 70% PVDF fluoropolymer coating or siliconized polyester coating
- **Fastening:** Exposed fastening system

#### PBU METAL WALL PANEL

**PANEL SPECIFICATIONS**

- **Profile:** ¾" rib height at 6" on center
- **Width:** 36”
- **Length:** 5'-0" to 50'-0"
- **Exterior Face:** Smooth as standard G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.
- **Standard Exterior:** Full-strength 70% PVDF fluoropolymer coating or siliconized polyester coating
- **Fastening:** Exposed fastening system
**PBC METAL WALL PANEL**

**PANEL SPECIFICATIONS**
- **Profile**: ⅝” rib height at 2⅜” on center
- **Width**: 32”
- **Length**: 5'-0” to 50'-0”
- **Exterior Face**: Smooth as standard G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

**Standard Exterior**: Full-strength 70% PVDF fluoropolymer coating or siliconized polyester coating

**Fastening**: Exposed fastening system

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**PBD METAL WALL PANEL**

**PANEL SPECIFICATIONS**
- **Profile**: ⅜” rib height at 2⅜” on center
- **Width**: 32”
- **Length**: 5'-0” to 50'-0”
- **Exterior Face**: Smooth as standard G-90 galvanized or AZ-50 aluminum-zinc coated steel in 26, 24 and 22 Ga.

**Standard Exterior**: Full-strength 70% PVDF fluoropolymer coating or siliconized polyester coating

**Fastening**: Exposed fastening system