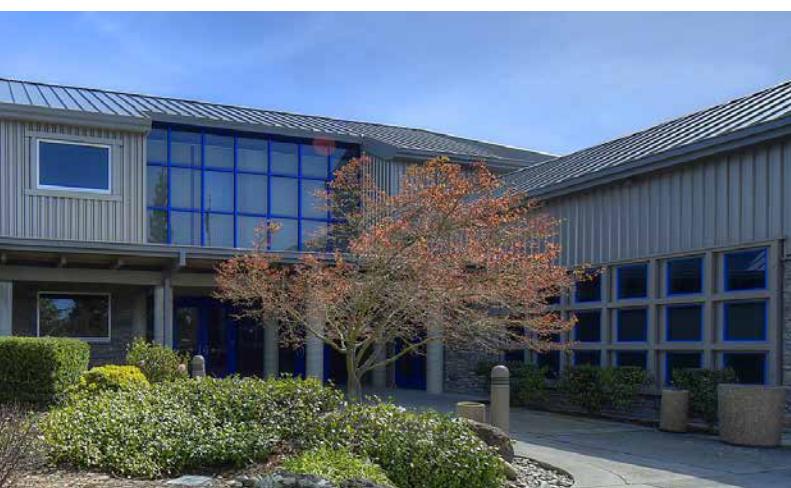


# Metal Sales Product Catalog

## *Metal Roof & Wall Systems*



Architectural  
Commercial  
Post Frame  
Residential

**ms Metal Sales™**

# THE METAL SALES DIFFERENCE

For more than 60 years, Metal Sales Manufacturing Corporation has earned a reputation as the premier provider of innovative metal building components and accessories. We've backed this reputation with the industry's largest professional sales and service team, supported by 18 branches located throughout the United States.

We offer a full line of exceptional quality metal roof and wall panels for agricultural, commercial, architectural, industrial and residential projects of every shape and size – new construction or retrofit.

But our technology and durable designs are only part of the story. Architects, contractors and installers appreciate the impeccable service from our highly trained professional staff, ready to answer any question, or help devise custom solutions to your building and energy saving needs.

- Serving the architectural, commercial, residential, industrial and agricultural markets for over half a century
- In-house engineering and design assistance available
- A wide selection of materials and finishes available, including MS Colorfast45®, MS Crinkle Finish, ColorFit40™, PVDF, Weathering Steel, Aluminum, Stainless Steel and Copper
- Over 100 profiles available with matching trim and accessories
- Metal panels contribute to LEED points
- 18 convenient locations nationwide, including Alaska
- Quoting and shipping projects worldwide
- Up to 45 year Finish Warranties available
- Panel testing including, UL 580, ASTM E 1592 and approvals including Miami-Dade County, Florida Building Code (FBC) 2023, ICC Evaluation Report, Texas Department of Insurance and Underwriters Laboratory (UL)
- 30 year Weather-Tight Warranty available (on select profiles) 

*Metal Sales is dedicated to leading the metal building component industry, by setting new standards for operating efficiency, product design, active service management and lasting value. We strongly believe that by investing in our corporation, we will ensure the best products and services for our customers, high job satisfaction for our employees and continued innovation and growth for our industry.*

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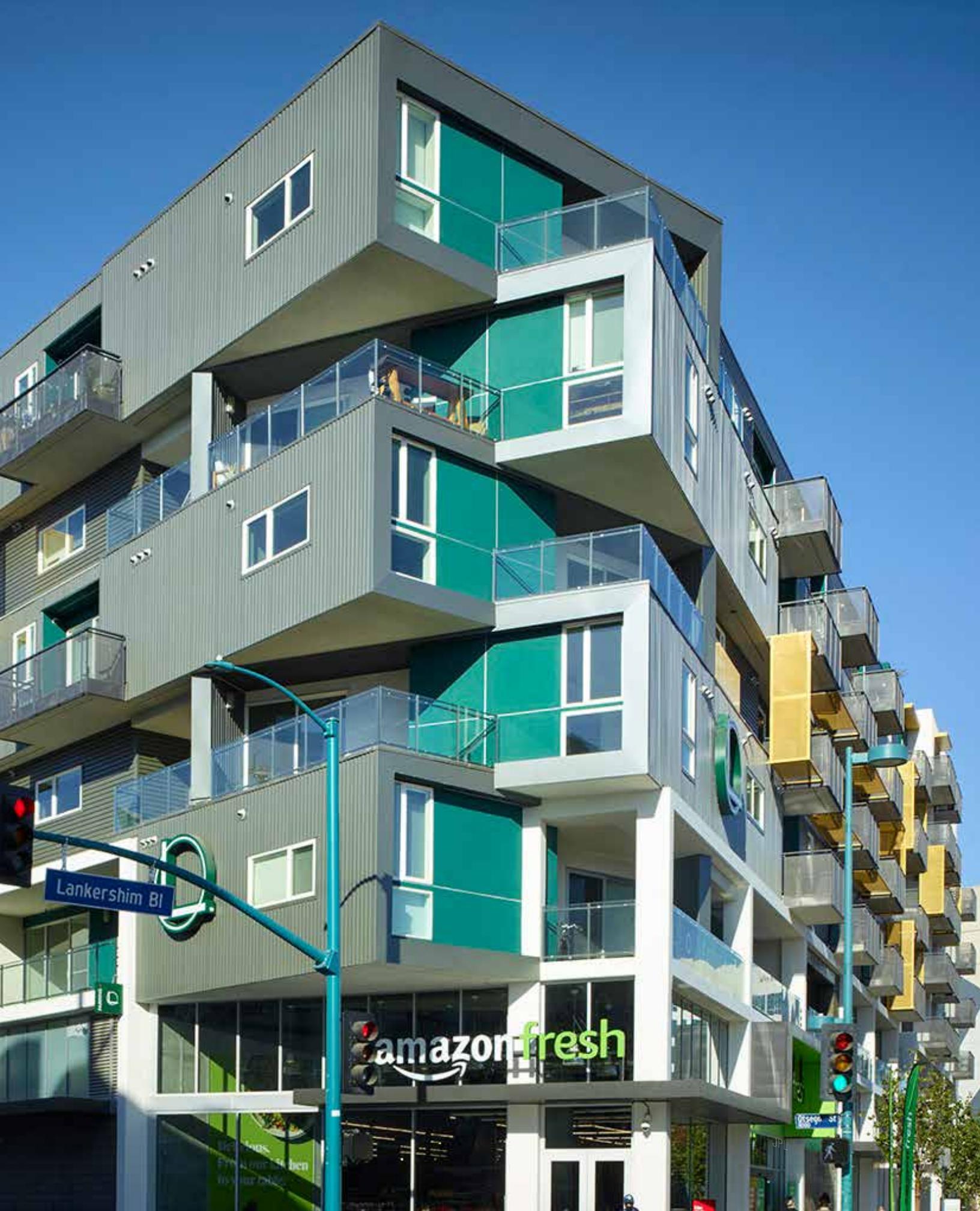
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# Magna-Loc

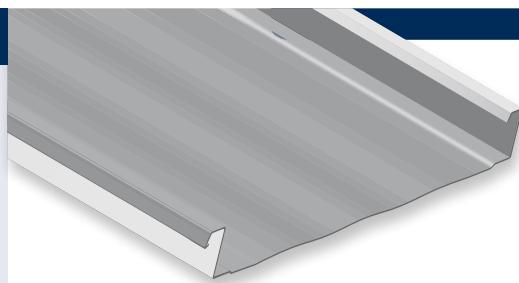


- Architectural/structural flat pan standing seam roof panel
- 16" or 18" panel coverage, 2" rib height
- Gauges: 24 ga. standard, 22 ga. & 0.032" Aluminum optional
- Minimum roof slope: 1:12
- Factory-applied side lap sealant
- Mechanically seamed side lap
- Concealed clip designed for thermal movement
- Accommodates 1/2" to 6" blanket insulation
- Applies over open framing or solid substrate
- Finishes: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

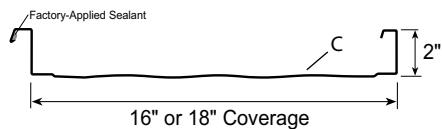
## Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction #506, 506A and 506B
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 1592 Roof Uplift
- ASTM E 1646 Water Penetration - none at 12 psf\*
- ASTM E 1680 Air Leakage - 0.016 cfm/ft<sup>2</sup> at 12 psf\*
- ASTM E 2140 Water Penetration, Static Head - none\*
- Texas Department of Insurance Evaluation Report, RC-197
- Miami-Dade County Approved, NOA 23-1011.10 and 23-1011.11
- ICC Evaluation Report, ESR-2385
- 2023 FBC Approved
  - Magna-Loc 90 24 ga. over 16 ga. Purlins, FL10999.5 (16" Panel)
  - Magna-Loc 90 24 ga. over 5/8" Plywood, FL11560.5 (16" Panel)
  - Magna-Loc 90 24 ga. over 22 ga. Metal Deck, FL11560.6 (16" Panel)
  - Magna-Loc 90 0.032" Alum over 22 ga. Metal Deck, FL10999.2 (16" Panel)

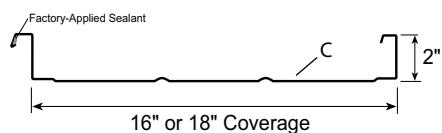
\*with tube sealant at clip locations



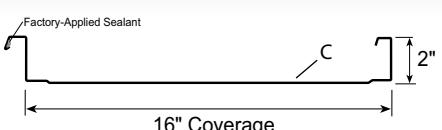
## Striated



## Pencil Ribs



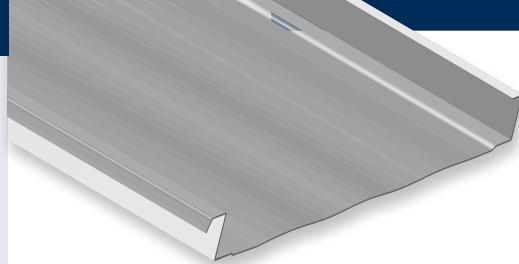
## Flat



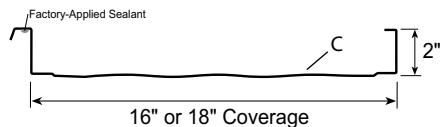
# Magna-Loc 180



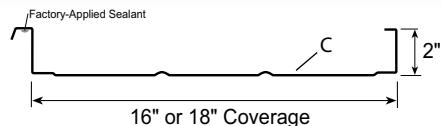
- Architectural/structural flat pan standing seam roof panel
- 16" or 18" panel coverage, 2" rib height
- Gauges: 24 ga. standard, 22 ga. optional
- Minimum roof slope: 1:12
- Factory-applied side lap sealant
- Mechanically seamed side lap
- Concealed clip designed for thermal movement
- Accommodates 1/2" to 6" blanket insulation
- Applies over open framing or solid substrate
- Finishes: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



## Striated



## Pencil Ribs



## Flat



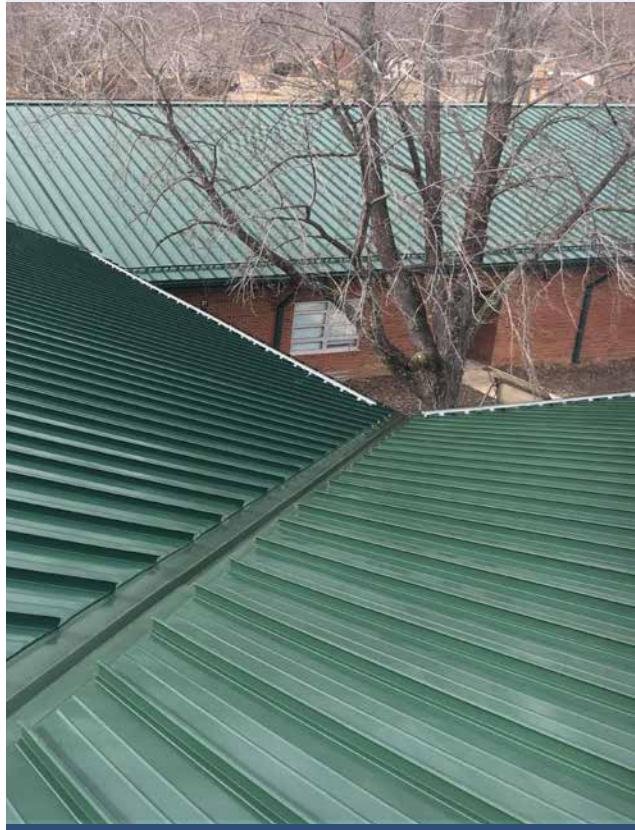
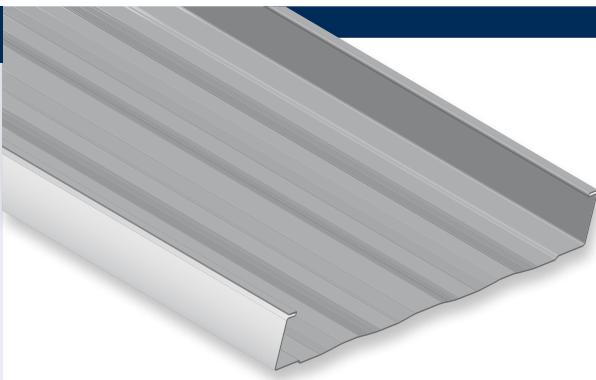
## Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction #576, 577 and 583
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 1592 Roof Uplift
- ASTM E 1646 Water Penetration
- ASTM E 1680 Air Leakage
- 2023 FBC Approved
  - Magna-Loc 180 24 ga. over 16 ga. Purlins, FL10999.6 (16" Panel)

# T-Armor Series™

WTW

- ▶ Structural "T" standing seam roof panel
- ▶ 12", 16" or 18" panel coverage
- ▶ Rib Height: 2-3/8" or 3"
- ▶ Finishes: PVDF and Acrylic Coated Galvalume®
- ▶ Gauges: 24 ga. standard, 22 ga. optional
- ▶ Aluminum: 0.032"
- ▶ Minimum roof slope: 1/2:12
- ▶ Integral mechanically seamed side lap
- ▶ "T" style rib allows for easy single panel replacement
- ▶ Factory-applied side lap sealant
- ▶ Concealed clip designed for thermal movement
- ▶ Accommodates 1/2" to 6" blanket insulation
- ▶ Applies over open framing or solid substrate
- ▶ Contact Metal Sales for load-carrying capabilities

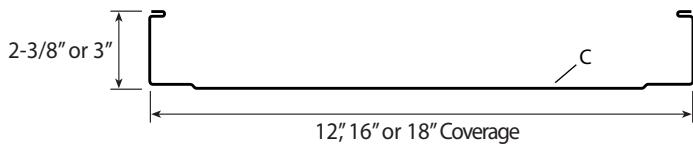


## Testing and Approvals

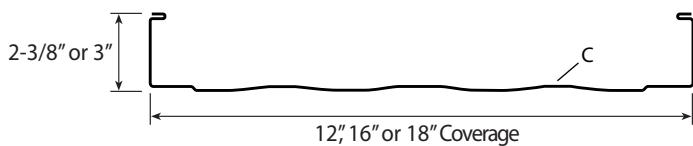
- ▷ UL 263, Fire Resistance Rating – per assembly
- ▷ UL 580, Class 90 Uplift, Construction #268, 268A and 268B
- ▷ UL 790, Class A Fire Resistance Rating – per assembly
- ▷ UL 1897, Uplift Load
- ▷ UL 2218, Class 4 Impact Resistance
- ▷ ASTM E 283 Air Infiltration
- ▷ ASTM E 330 Uniform Static Air Pressure Difference
- ▷ ASTM E 331 Water Penetration
- ▷ ASTM E 1592 Roof Uplift
- ▷ ASTM E 1646 Water Penetration
- ▷ ASTM E 1680 Air Leakage
- ▷ ASTM E 1886, 1996 Impact
- ▷ ASTM E 2140 Water Penetration, Static Head - none\*
- ▷ TAS 201, 203 Impact
- ▷ TAS 100, Wind Driven Rain
- ▷ ICC 500 / FEMA 361
- ▷ AAMA 501.1, Dynamic Water

\*with tube sealant at clip locations

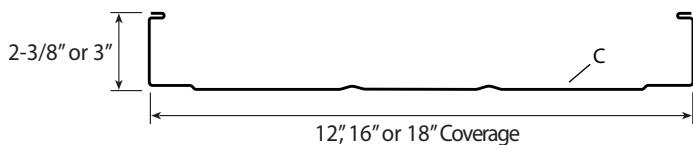
## Flat



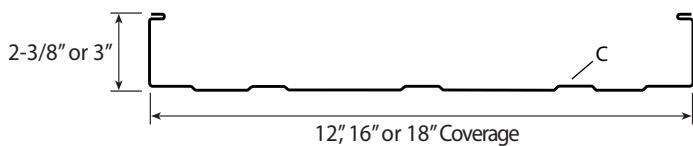
## Striated



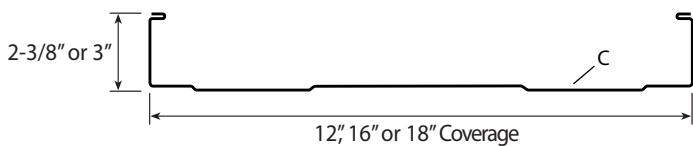
## Pencil Rib



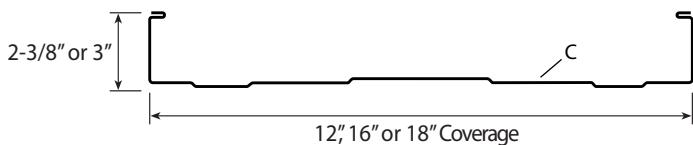
## Minor Rib



## Plank



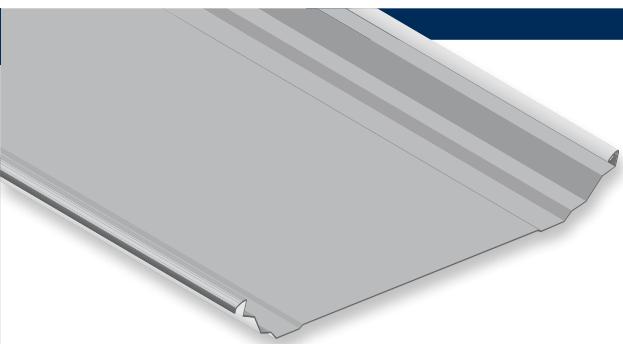
## Mesa



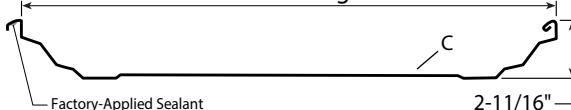
## Seam-Loc 24®

WTW

- Structural trapezoidal standing seam roof panel
- 24" panel coverage, 2-11/16" rib height
- Gauges: 24 ga. standard, 22 ga. optional
- Minimum roof slope: 1:4:12
- Factory-applied side lap sealant
- Pittsburgh double flat locking mechanically seamed side lap
- Concealed clip designed for thermal movement
- Accommodates 1/2" to 6" blanket insulation
- Applies over open framing or solid substrate
- Finishes: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



24" Coverage



### Testing and Approvals

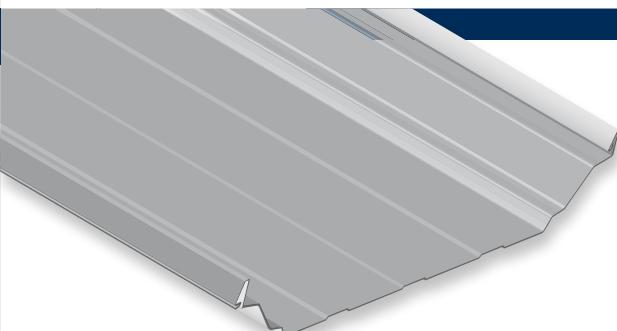
- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #197 and 197A
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 1592 Roof Uplift
- ASTM E 1646 Water Penetration
- ASTM E 1680 Air Leakage
- 2023 FBC Approved
  - 24" wide over 16 ga. Purlins, FL10999.8
  - 24" wide (with clamps) over 16 ga. Purlins, FL10999.9



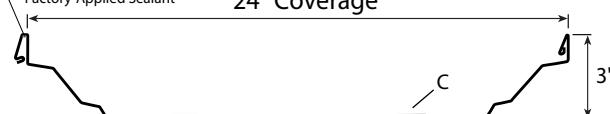
## Snap-Loc 24®

WTW

- Structural trapezoidal standing seam roof panel
- 24" panel coverage, 3" rib height
- Gauges: 24 ga. standard, 22 ga. optional
- Minimum roof slope: 1:4:12
- Factory-applied side lap sealant
- Snap-together panel system
- Concealed clip designed for thermal movement
- Accommodates 1/2" to 6" blanket insulation
- Applies over open framing or solid substrate
- Finishes: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



24" Coverage



### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Uplift, Construction, #240
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 330, Uniform Static Air Pressure Difference
- ASTM E 1592 Roof Uplift
- ASTM E 1646 Water Penetration
- ASTM E 1680 Air Leakage



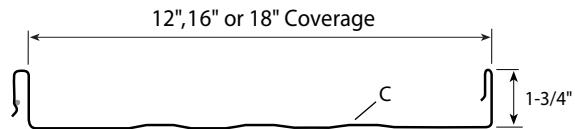
## Vertical Seam

- Architectural/structural standing seam panel
- Panel Coverage: 12", 16" or 18"
- Rib Height: 1-3/4"
- Gauges: 26 ga. and 24 ga. standard, 22 ga. optional
- Snap-together panel system with factory-applied side lap sealant
- Minimum roof slope over open framing 3:12
- Minimum roof slope over solid substrate 1:12
- Concealed clip designed for unlimited thermal movement
- Accommodates up to 4" blanket insulation
- Finishes: PVDF, MS Colorfast45® and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

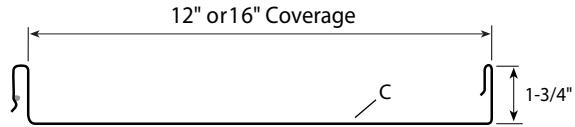


WTW

Striated



Flat Pan



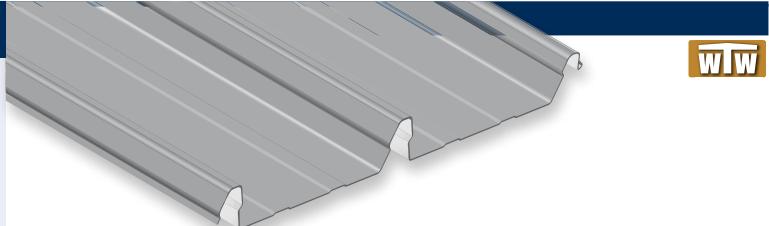
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #254, 255, 261, 303, 342, 343, 436, 445, 446, 447, 448, 508 and 508A
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 1592 Roof Uplift
- ASTM E 1646 Water Penetration
- ASTM E 1680 Air Leakage
- Miami-Dade County Approved, NOA 24-0212.04
- Texas Department of Insurance Evaluation Report, RC-412
- ICC Evaluation Report, ESR-2385
- 2023 FBC Approved
  - 26 ga. over 1/2" Plywood, FL11560.9 (16" Panel)
  - 24 ga. over 1/2" Plywood, FL11560.7 (16" Panel)
  - 24 ga. over 1/2" Plywood, FL11560.8 (18" Panel)
  - 0.032" Aluminum over 7/16" OSB, FL14645.4 (16" Panel)
  - 0.032" Aluminum over 5/8" Plywood, FL14645.5 (16" Panel)

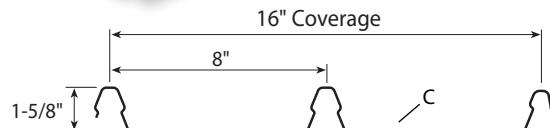


## Clip-Loc

- Architectural/structural integral standing rib roof system
- Snap-together panel system
- 16" panel coverage, major rib: 8" centers, 1-5/8" rib height
- Gauges: 26 ga., 24 ga. standard and 22 ga. optional
- Minimum roof slope: 1:12
- Applies over open framing or solid substrate
- Concealed clip designed for thermal movement
- Accommodates up to 4" blanket insulation
- Finishes: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



WTW



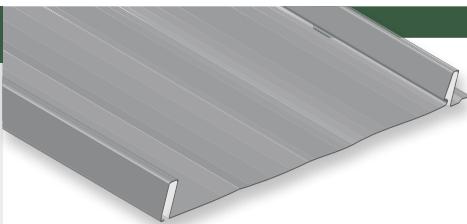
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #586 and 586A
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 1897, Uplift Tests for Roof Covering Systems
- UL 2218, Class 4 Impact Resistance
- ASTM E 1592 Roof Uplift
- ASTM E 1680 Air Leakage
- ICC Evaluation Report, ESR-2385



## Image II

- Architectural concealed direct-fastened roof panel
- Panel coverage: 12" or 16"
- 1" rib height
- Gauges: 26 ga. and 24 ga. standard, 0.032" Aluminum optional
- Minimum roof slope: 3:12
- Applies over solid substrate with 30# felt underlayment
- Finishes: MS Colorfast45®, PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



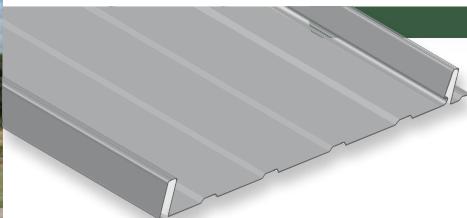
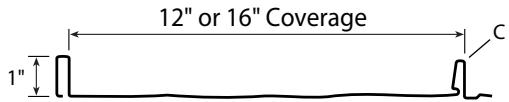
### Striated

Fastening legs vary by branch



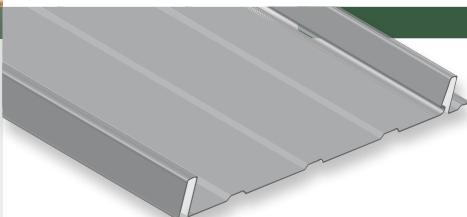
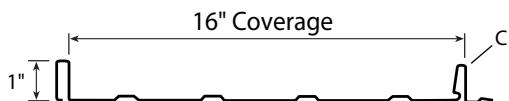
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #529
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- Miami-Dade County approved, NOA 23-0711.05
- Texas Department of Insurance Evaluation Reports, RC-162, RC-398 and RC-399
- ICC Evaluation Report, ESR-2385
- 2023 FBC Approved
  - 26 ga. over 7/16" OSB, FL14645.10
  - 26 ga. over 1/2" Plywood, FL11560.4
  - 26 ga. over 1/2" Plywood, FL42034.2
  - 0.032" Aluminum over 7/16" OSB, FL11560.2
  - 0.032" Aluminum over 1/2" Plywood, FL11560.3
  - 0.032" Aluminum over 1/2" Plywood, FL42034.1



### 16" Minor Rib

Fastening legs vary by branch



### 12" Minor Rib

Fastening legs vary by branch



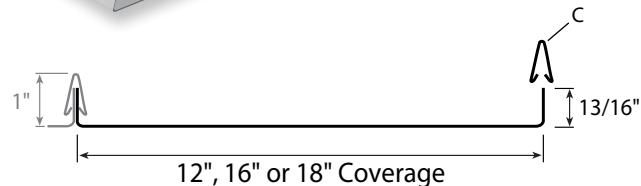
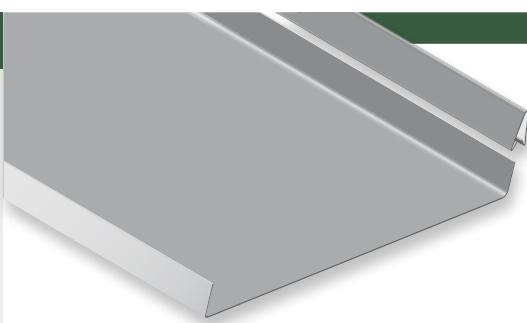
## Mini-Batten

- Architectural standing seam roof panel
- 12", 16" or 18" panel coverage, minimum roof slope: 3:12
- Mini-Batten offers, 1" & 1-1/2" high rib utilizing a narrow batten cap
- Gauges: 26 ga. and 24 ga. standard, 22 ga. optional
- Concealed clip designed for thermal movement
- Applies over solid substrate with 30# felt underlayment
- Finishes: PVDF, MS Colorfast45® and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

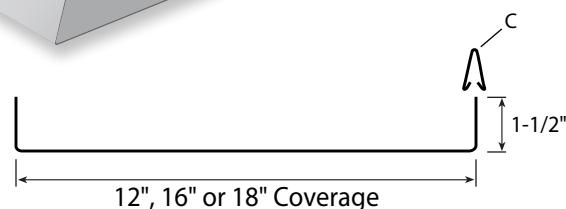
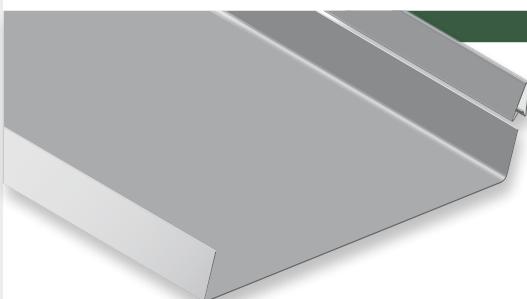
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #397, 397A and 430 (1" Mini-Batten)
- UL 580, Class 90 Wind Uplift, Construction, #352 (1-1/2" Mini-Batten)
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 283 Air Leakage
- ASTM E 331 Water Penetration

1" Mini-Batten



1.5" Mini-Batten

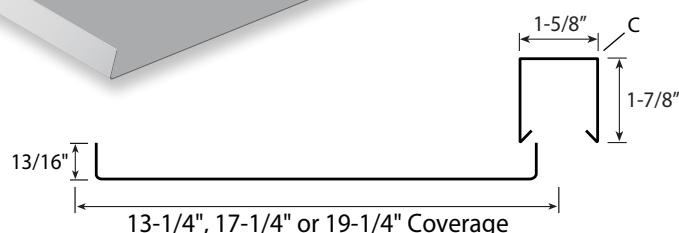
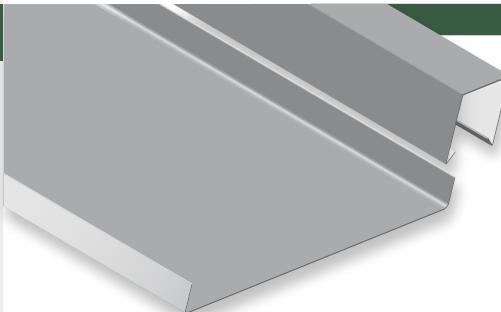


## Maxi-Batten

- Architectural standing seam roof panel
- Minimum roof slope: 3:12
- Maxi-Batten Cap, 1-5/8" x 1-7/8"
- Gauges: 26 ga. and 24 ga. standard, 22 ga. optional
- Concealed clip designed for thermal movement
- Applies over solid substrate with 30# felt underlayment
- Finishes: PVDF, MS Colorfast45® and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

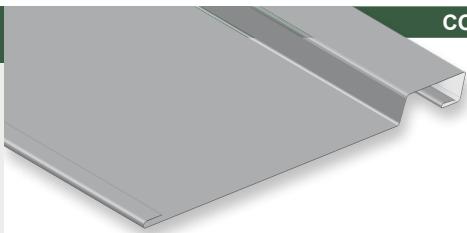
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #398 and 398A
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 283 Air Leakage
- ASTM E 331 Water Penetration



## Board and Batten Series

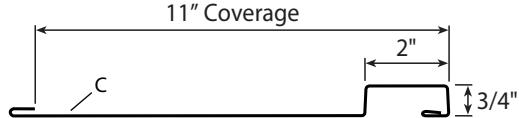
- Concealed Clip panel for wall or liner applications
  - 11" panel coverage
- Direct-fastened panel for wall or liner applications
  - 10" and 12" panel coverage
  - 3/4" rib height
  - 20'-0" maximum length
  - Vertical or Horizontal application
  - Gauge: 24 ga. steel standard
  - Applies over open framing or solid substrate
  - Finishes: PVDF and Acrylic Coated Galvalume®
  - Contact Metal Sales for load-carrying capabilities



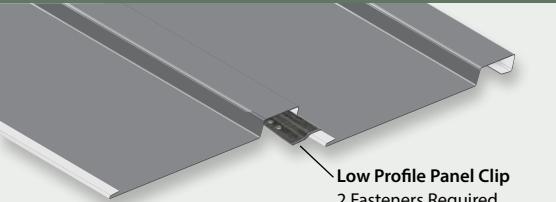
CONCEALED CLIP ■ BB75-1111



Attachment

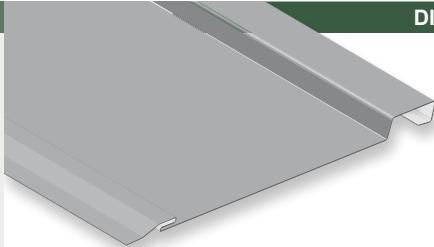


### Clip Attachment Detail



### Testing and Approvals

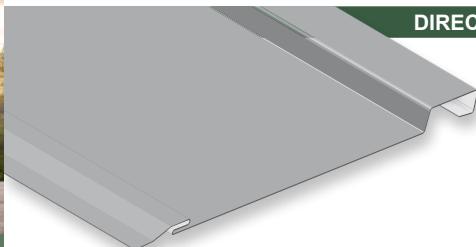
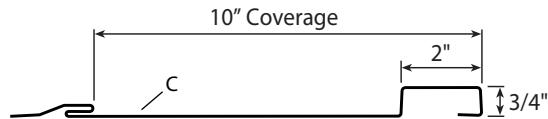
- ASTM E 283 Air Infiltration
- ASTM E 330 Uniform Static Air Pressure Difference
- ASTM E 331 Water Penetration
- 2023 FBC Approved
  - BB75-1111 24 ga. over Sheathing, FL47647.1
  - BBD75-1010 24 ga. over Sheathing, FL47647.1



DIRECT FASTENED ■ BBD75-1010



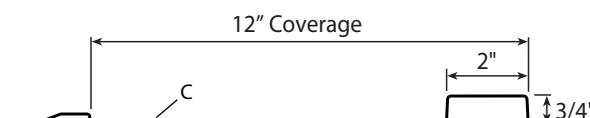
Attachment



DIRECT FASTENED ■ BBD75-1212



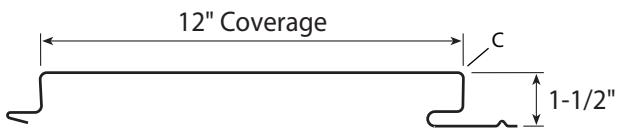
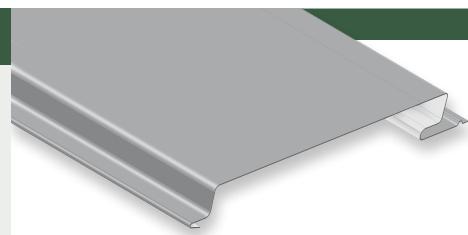
Attachment



## TLC Series

TLC-1

- Concealed direct-fastened panel for wall, soffit, fascia or liner applications
- 12" panel coverage
- 1-1/2" panel depth
- 40'-0" maximum length, roll-formed panel
- Gauges: 24 ga. standard, 22 ga. and 20 ga. optional
- Optional Alum: 0.032" or 0.040" Aluminum
- Applies over open framing or solid substrate
- Finishes: PVDF and Acrylic Coated Galvalume®
- Optional material: stainless steel, aluminum and copper
- Custom capabilities include:
  - Perforated panels for wind screens and liner panels
- Contact Metal Sales for load-carrying capabilities

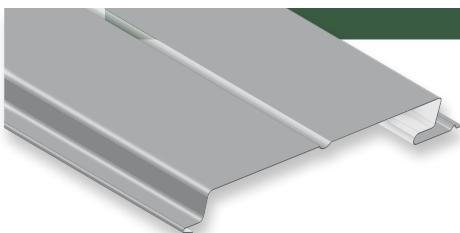
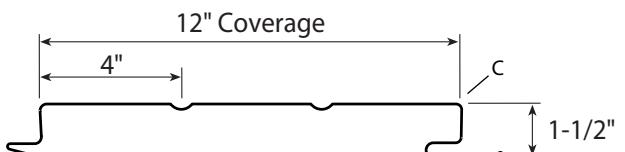
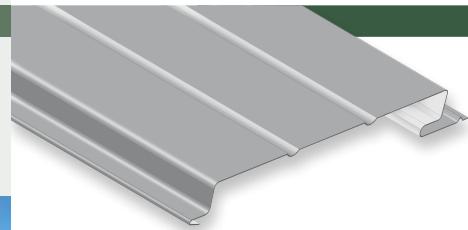


### Testing and Approvals

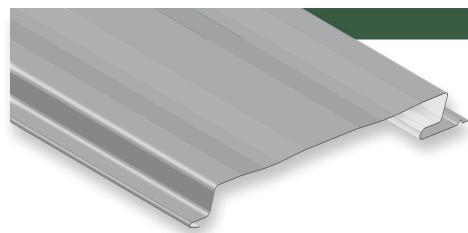
- UL 263, Fire Resistance Rating – per assembly
- ASTM E 283 Air Infiltration
- ASTM E 330 Uniform Static Air Pressure Difference
- ASTM E 331 Water Penetration
- ASTM E 1592 Wall Load



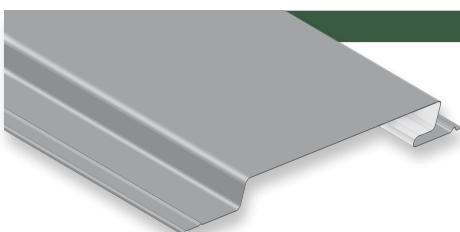
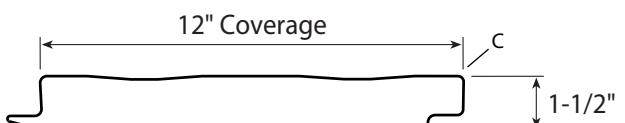
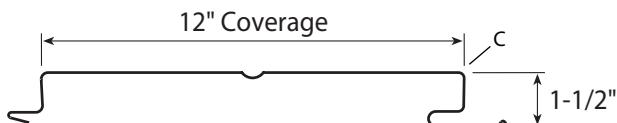
TLC-2



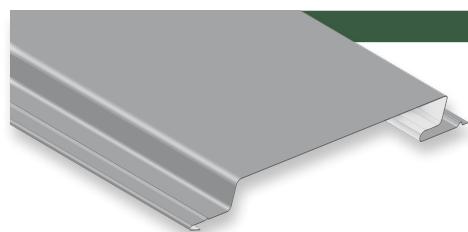
TLC-3



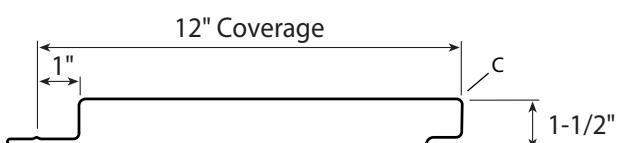
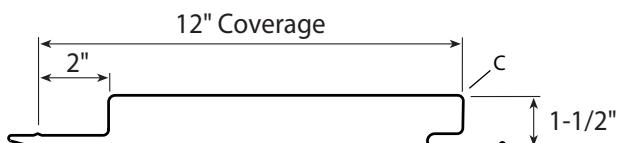
TLC-4



TLC-13



TLC-15



## Concealed Fastened Wall Panels

- Concealed direct-fastened panel for wall applications
- Panel lengths available from 5'-0" to 30'-0" max\*
- Gauges: 24 ga. standard; 22 ga. optional
- Applies over open framing or solid substrate
- Finishes: PVDF and Acrylic Coated Galvalume®
- Horizontal and Vertical installation
- Common joinery allows panel profile to be mixed and matched for increased design flexibility
- High-strength clip allows for thermal and seismic movement

\*Standard max length of 20' for AP1-1212, CN88-1212 and EM1-1212.

### Testing and Approvals

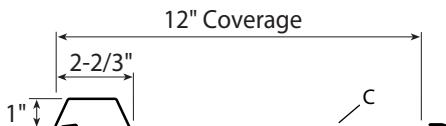
- ASTM E 283 Air Infiltration
- ASTM E 330 Load Testing
- ASTM E 331 Water Penetration
- ASTM E 1592 Wall Load
- 2023 FBC Approved
  - 24 ga. Apex Series, FL34027.1
  - 24 ga. Contempra Series, FL34027.2
  - 24 ga. EM1 Series, FL34027.3
  - 24 ga. EM15 Series, FL34027.4
  - 24 ga. EM15-1222 Series, FL34027.5



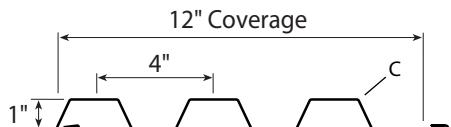
### Apex Series™

### Symmetrical Rib

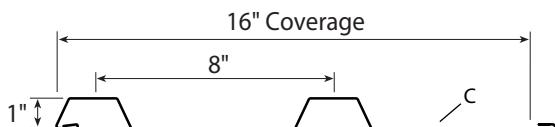
AP1-1212



AP1-124



AP1-168



AP1-1653



AP1-164



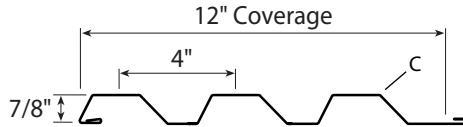
### Contempra Series™

### Asymmetrical Rib

CN88-1212



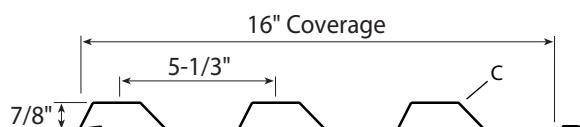
CN88-124



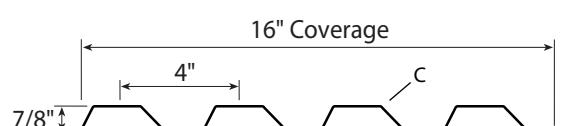
CN88-168



CN88-1653



CN88-164

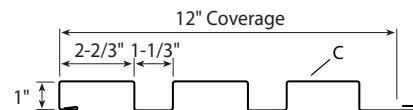
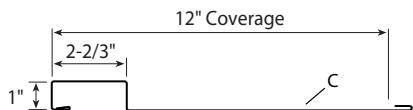


## EM1 Series ■ EMPIRE LINE

EM1-1212

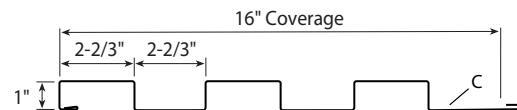
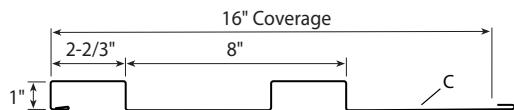
Box Rib

EM1-124



EM1-168

EM1-1653

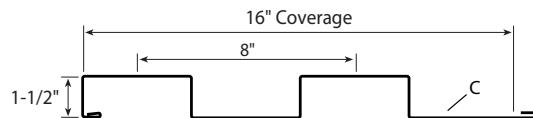
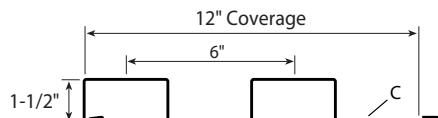


## EM15 Series ■ EMPIRE LINE

EM15-126

Box Rib

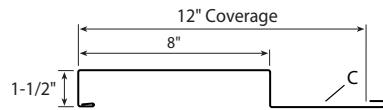
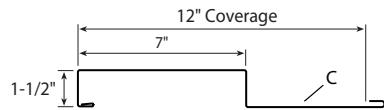
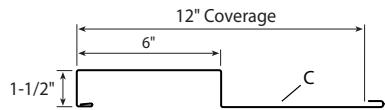
EM1-168



EM15-1266

EM15-1275

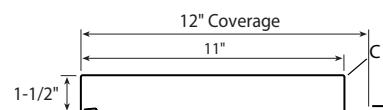
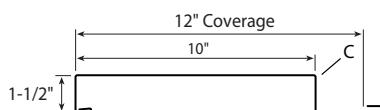
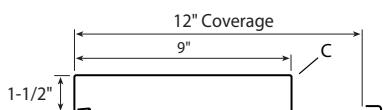
EM15-1284



EM15-1293

EM15-1210

EM15-1211



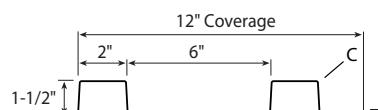
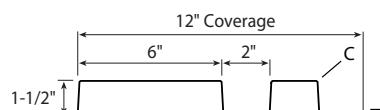
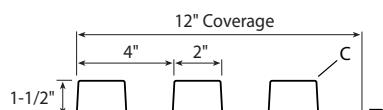
## EM15-1222 Series ■ EMPIRE LINE

EM15-1222

EM15-1226

Box Rib

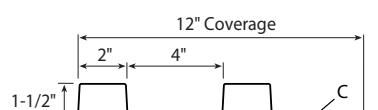
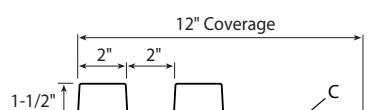
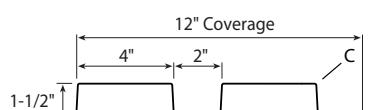
EM15-262



EM15-1224

EM15-1262

EM15-622



## Soffit Panel

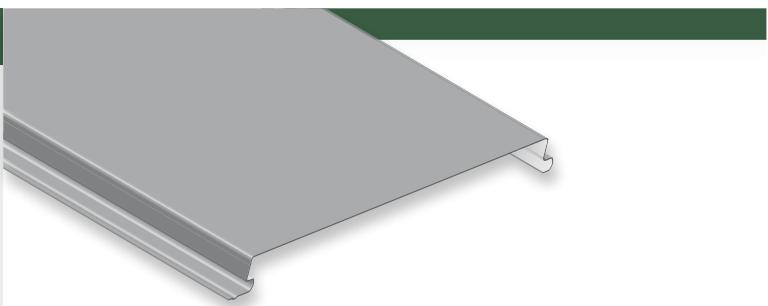
- Concealed direct-fastened system for soffit, wall, fascia or liner applications
- 12" panel coverage
- 1" depth
- Max Panel Length: 26 ga. 5'-0", 24 ga. 20'-0" and 0.032" Alum 25'-0"
- Gauges: 26 ga., 24 ga. std. 22 ga.
- Lanced and Perforated versions are available
- Applies over solid substrate with 30# felt underlayment
- Finishes: MS Colorfast45®, PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

### Testing and Approvals

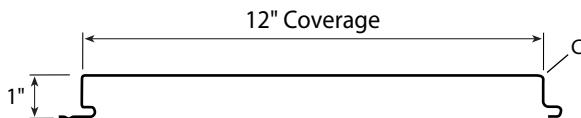
- UL 263, Fire Resistance Rating – per assembly
- ASTM E 283 Air Infiltration
- ASTM E 330 Uniform Static Air Pressure Difference
- ASTM E 331 Water Penetration
- 2023 FBC Approved
  - 24 ga. panel over 16 ga. Girts, 9482.5



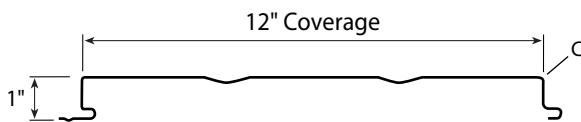
Perforated V-Grooves



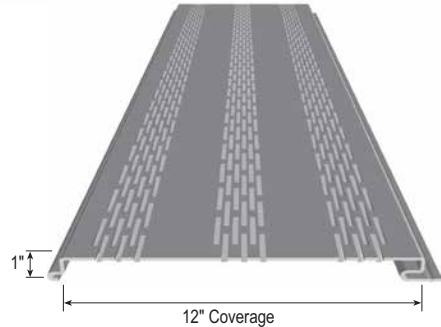
Flat



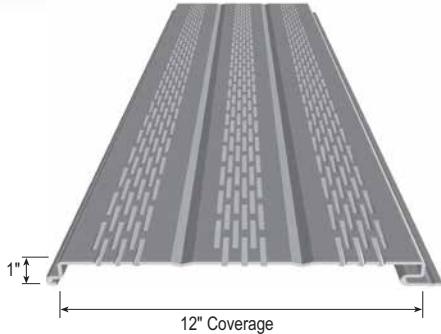
V-Grooves



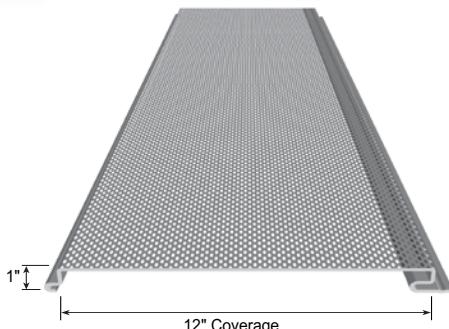
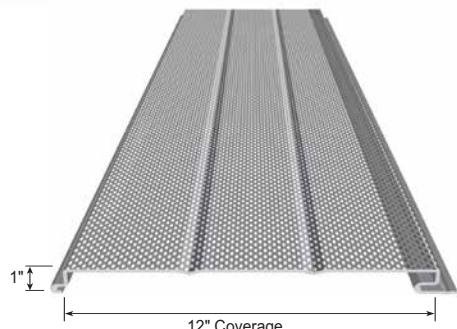
Lanced Flat



Lanced V-Grooves



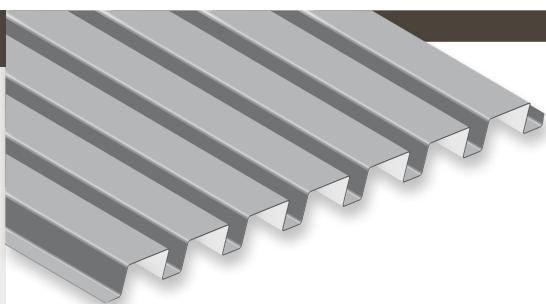
Perforated Flat



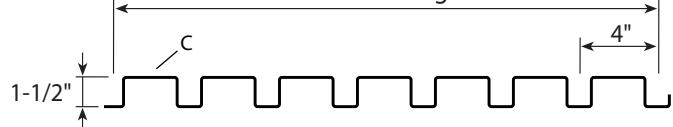
## T10 Series

- Exposed direct-fastened panel for wall, soffit, fascia and liner panel
- Applies over open framing or solid substrate
- 28", 30" and 36" panel coverages, 1-1/2" rib height
- 90° vertical box ribs on 4", 6" and 9" centers
- Gauges: 24 ga. standard, 22 ga., 20 ga. and 18 ga. optional
- Optional Aluminum: 0.032", 0.040" or 0.050"
- Optional material: stainless steel, aluminum and copper
- Custom capabilities include:
  - Perforated panels for wind screens and liner panels
- Standard Finish: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

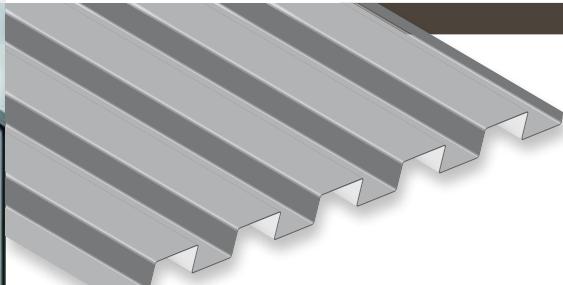
T10-A Wall Panel



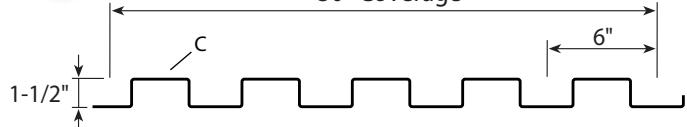
28" Coverage



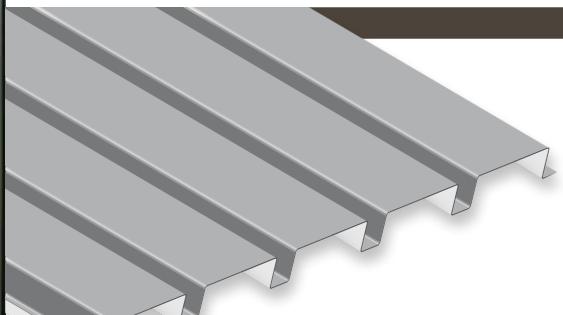
T10-B Wall Panel



30" Coverage



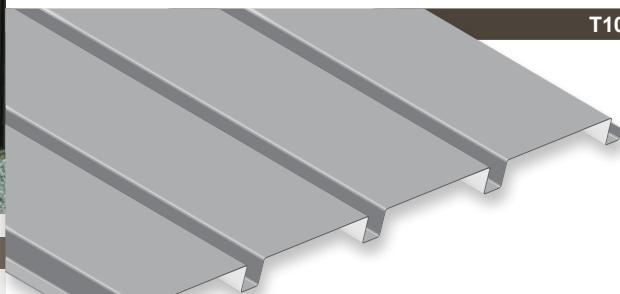
T10-C Wall Panel



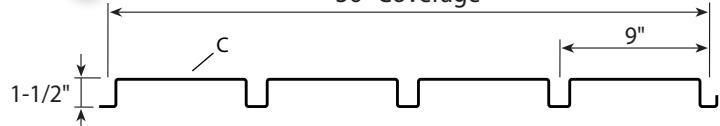
30" Coverage



T10-D Wall Panel



36" Coverage



T10-C Wall

### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Rating
- ICC Evaluation Report, ESR-4633

## 7/8" Corrugated

- Exposed direct-fastened panel for roof and wall applications
- 32" roof coverage (34-2/3" wall coverage)
- 7/8" rib height, 2-2/3" centers
- Gauges: 26 ga. and 24 ga. standard, 22 ga. and 20 ga. optional
- Optional materials: stainless steel, aluminum and weathering steel
- Minimum roof slope: 1:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45®, PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

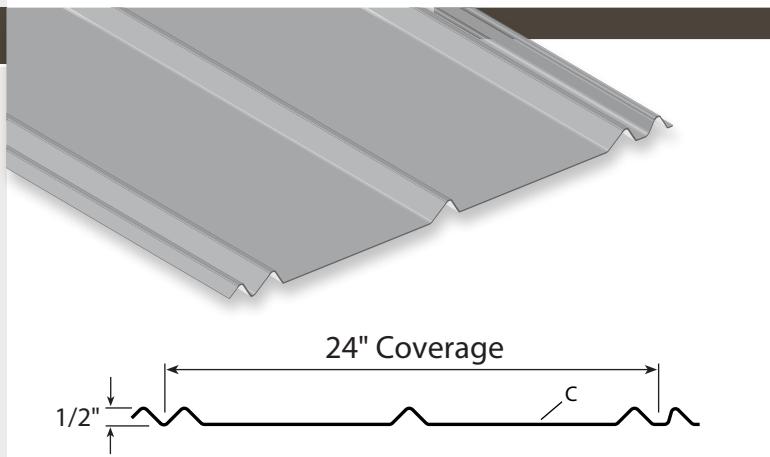


### Testing and Approvals

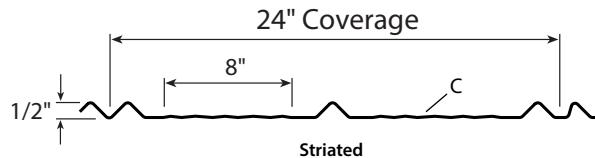
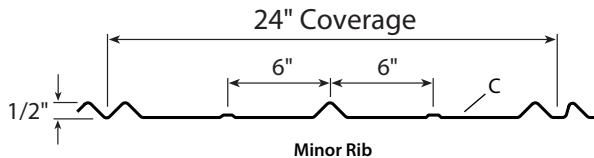
- UL 263, Fire Resistance Rating – per assembly
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 283 Air Infiltration
- ASTM E 330 Uniform Static Air Pressure Difference
- ASTM E 331 Water Penetration
- ASTM E 1592 Roof Uplift Capacity
- ASTM E 1646 Water Penetration
- ASTM E 1680 Air Leakage
- Texas Department of Insurance Evaluation Report, RC-409
- ICC Evaluation Report, ESR-2385
- 2023 FBC Approved
  - 24 ga. roof panel over 16 ga. Purlins, FL10999.1
  - 24 ga. wall panel over 16 ga. Girts, FL9482.1

## 5V-Crimp

- Exposed direct-fastened roof panel, traditional "V" rib
- 24" panel coverage
- 1/2" rib height
- Gauges: 29 ga. and 26 ga. standard
- Optional Aluminum: 0.032"
- Minimum roof slope: 3:12
- Applies over solid substrate with 30# felt underlayment
- Finishes: MS Colorfast45® and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



Panel Profile Options Available from our Jacksonville, FL Branch Only



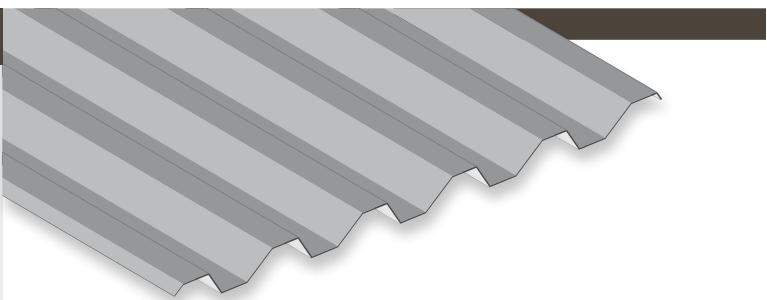
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #453 and 579
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Rating
- Miami-Dade County Approved, NOA 23-0222.06 (26 gauge)
- Miami-Dade County Approved, NOA 24-0212.05 (0.032" Aluminum)
- Texas Department of Insurance Evaluation Report, RC-160
- 2023 FBC Approved
  - 26 ga. over 5/8" Plywood, FL14645.2
  - 26 ga. over 7/16" OSB, FL14645.3
  - 0.032" Aluminum over 7/16" OSB, FL11560.1

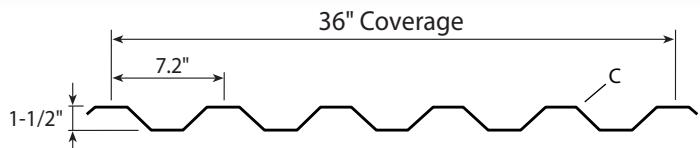


## IC72-Panel

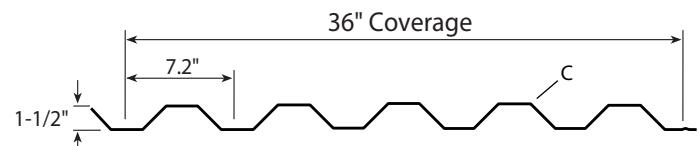
- Exposed direct-fastened industrial panel
- Roof and wall applications
- 36" panel coverage, minimum roof slope: 1:12
- 1-1/2" rib height at 7.2" centers
- Gauges: 24 ga. standard, 22 ga. and 20 ga. optional
- Optional Aluminum: 0.032" or 0.040"
- Applies over open framing or solid substrate
- Finishes: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



Roof Panel



Wall Panel



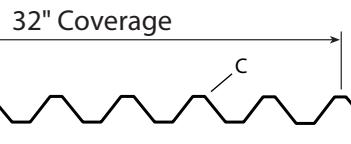
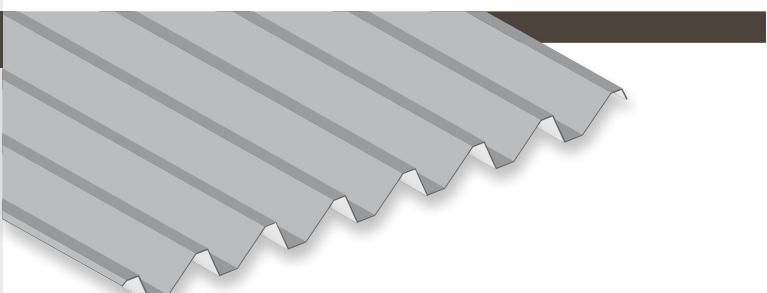
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 790, Class A Fire Resistance Rating – per assembly
- ASTM E 283 Air Infiltration
- ASTM E 330 Uniform Static Air Pressure Difference
- ASTM E 331 Water Penetration
- ICC Evaluation Report, ESR-2385



## V-Line 32

- Exposed direct-fastened panel for roof and wall applications
- 32" panel coverage
- Trapezoidal rib on 4-9/16" centers
- 1-3/8" rib height
- Gauges: 26 ga. and 24 ga. standard, 22 ga. optional
- Minimum roof slope: 1:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45®, PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #187
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance



## EXPOSED FASTENED LINE

- Exposed direct-fastened panel for roof and wall applications
- Applies over open framing or solid substrate
- Panel coverage: 32" to 44"
- Rib height: 5/8" to 1-3/4"
- Optional material: stainless steel, aluminum and copper
- Gauges: 24 ga. standard, 22 ga., 20 ga. and 18 ga. optional
- Optional Aluminum: 0.032", 0.040" or 0.050"
- Minimum roof slope: 1:12
- Standard Finish: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

Other profiles are available. Please inquire.

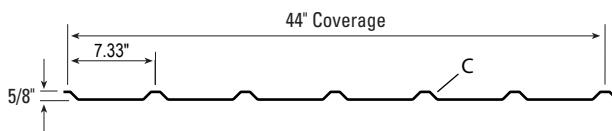
### Testing and Approvals

- ICC Evaluation Report, ESR-4633 – T6-A Wall, T16-E Wall, T16-L Wall



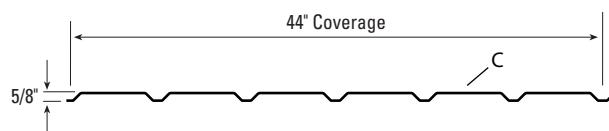
## LOW RIB Series

T1 Roof

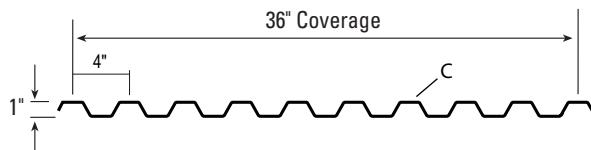


## Rib Height Under 2"

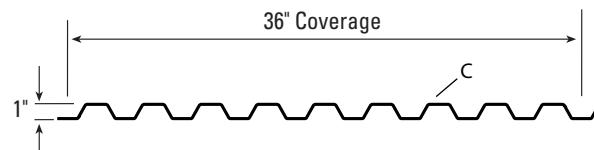
T1 Wall



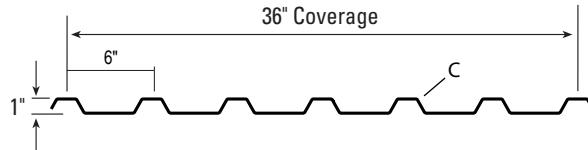
T2 Roof



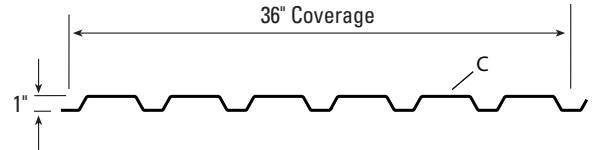
T2 Wall



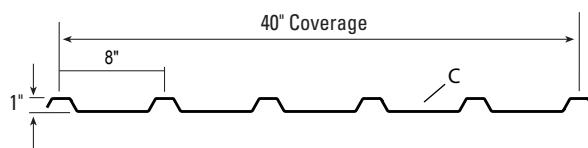
T3 Roof



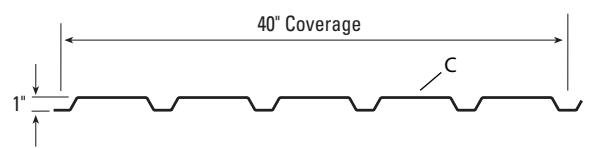
T3 Wall



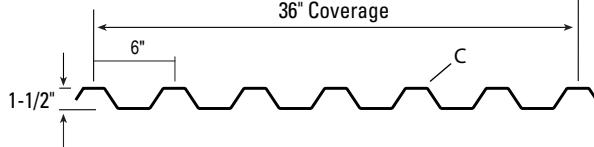
T4 Roof



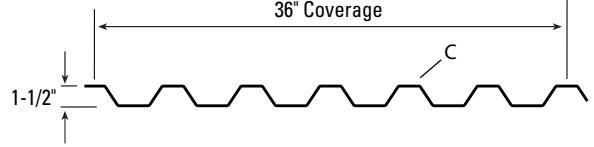
T4 Wall



T5 Roof

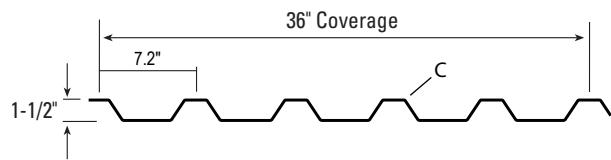


T5 Wall



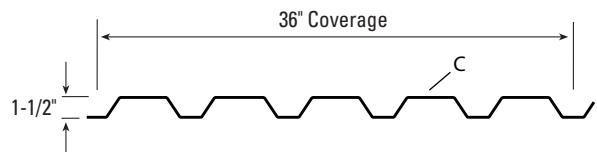
## LOW RIB Series

### T6-A Roof

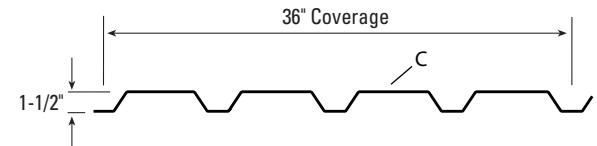
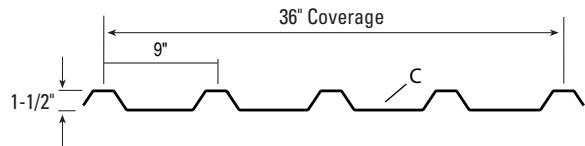


### Rib Height Under 2"

### T6-A Wall

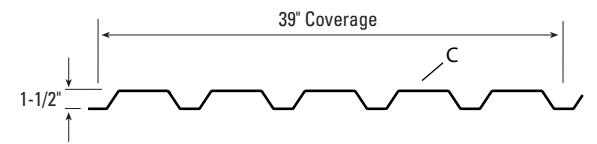
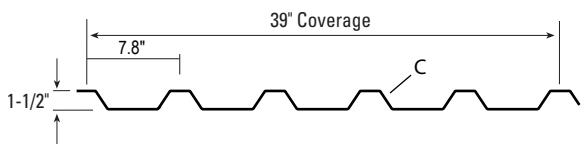


### T7 Roof



### T7 Wall

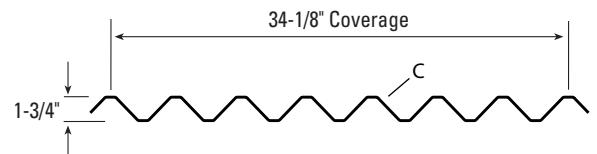
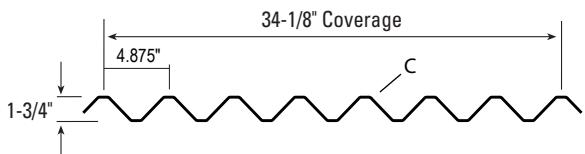
### T7-A Roof



### T7-A Wall

### T11-A Roof

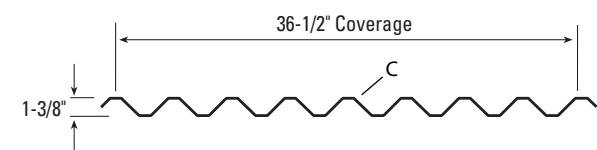
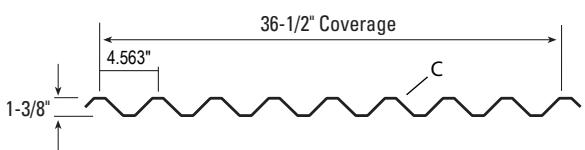
Same profile for Roof and Wall



### T11-A Wall

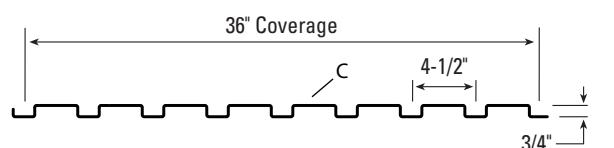
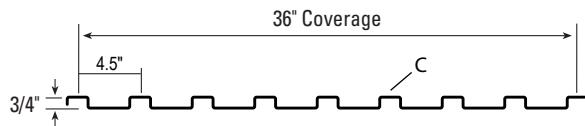
### T12 Roof

Same profile for Roof and Wall



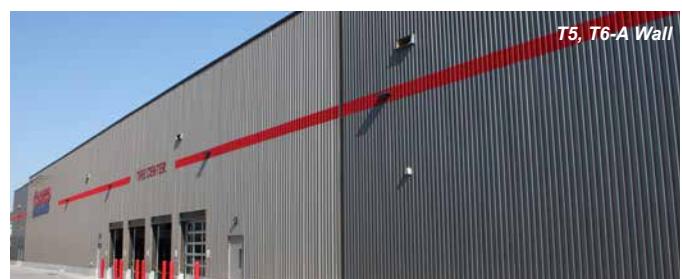
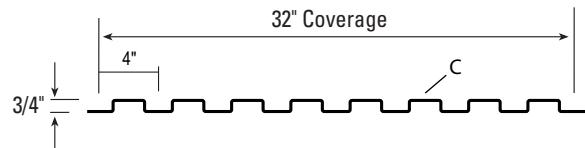
### T12 Wall

### T16-E Roof



### T16-E Wall

### T16-L Wall



## EXPOSED FASTENED LINE

- Exposed direct-fastened panel for roof and wall applications
- Applies over open framing or solid substrate
- 24", 30" or 32" panel coverages
- 2", 3" or 3-1/2" rib heights
- Optional material: stainless steel, aluminum and copper
- Gauges: 24 ga. standard, 22 ga., 20 ga. and 18 ga. optional
- Optional Aluminum: 0.032", 0.040" or 0.050"
- Minimum roof slope: 1:12
- Custom capabilities include: Perforated panels
- Standard Finish: PVDF and Acrylic Coated Galvalume®

### Testing and Approvals

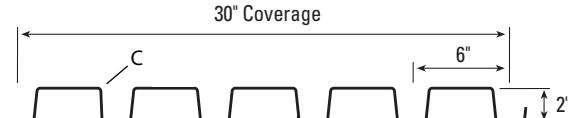
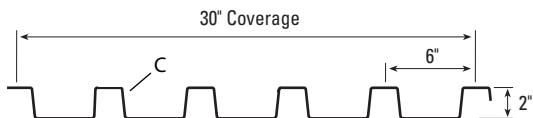
- ICC Evaluation Report, ESR-4633 – T2630 Wall



T13-B Wall

## 2" RIB Series

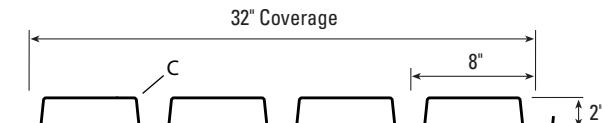
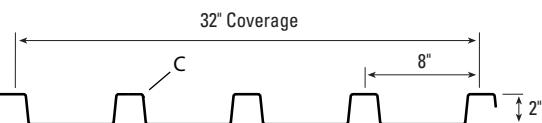
### T2630 Roof



Rib Height 2"-3"

### T2630 Wall

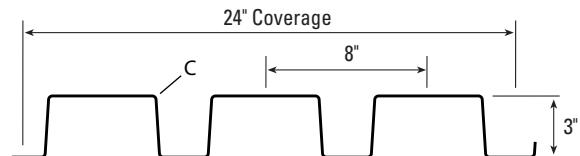
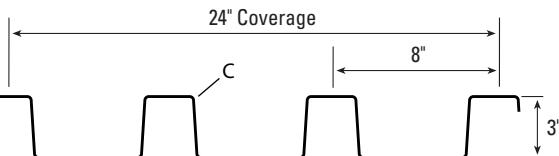
### T2832 Roof



### T2832 Wall

## 3" RIB Series

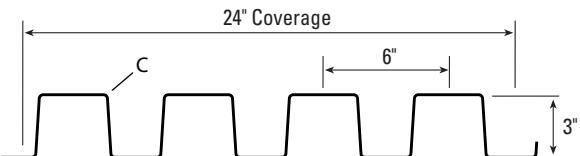
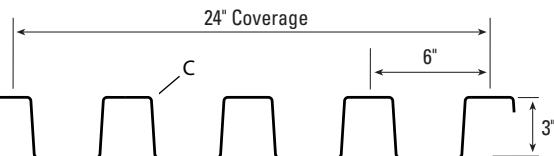
### T13 Roof



Rib Height 3"-4"

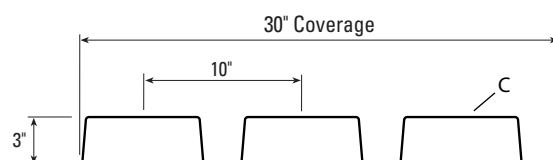
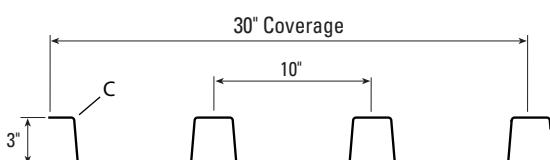
### T13 Wall

### T13-A Roof



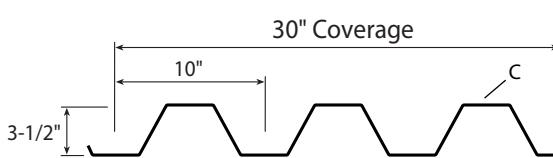
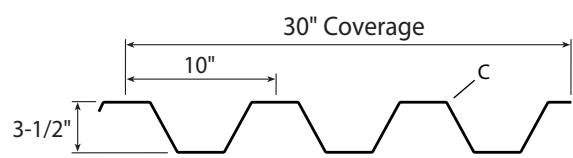
### T13-A Wall

### T13-B Roof



### T13-B Wall

### T14 Roof



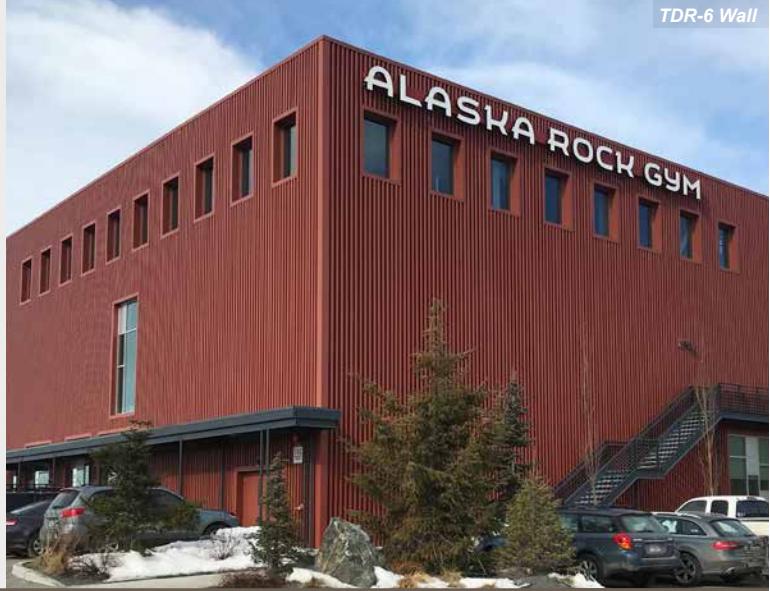
### T14 Wall

## DEEP RIB Series

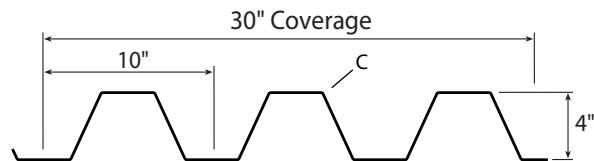
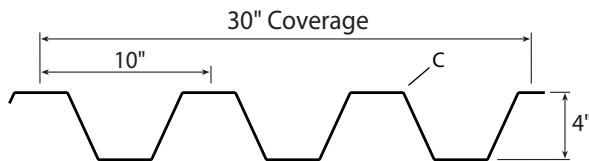
- Exposed direct-fastened panel for roof and wall applications
- Applies over open framing or solid substrate
- Various panel coverages
- 4" and 4-1/2" rib heights
- Trapezoidal ribs on various centers
- Optional material: stainless steel, aluminum and copper
- Gauges: 24 ga. standard, 22 ga., 20 ga. and 18 ga. optional
- Optional Aluminum: 0.032", 0.040" or 0.050"
- Minimum roof slope: 1:12
- Custom capabilities include:
  - Perforated panels for wind screens and liner panels
- Standard Finish: PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

Rib Height 4" and Over

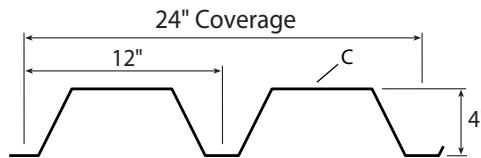
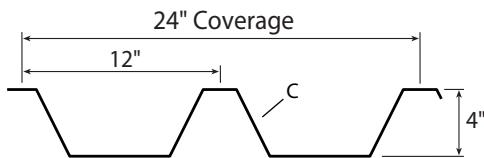
TDR-6 Wall



T15 Roof

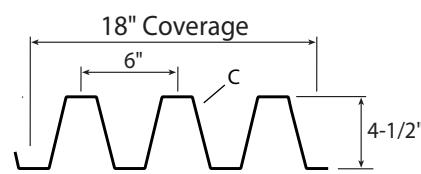
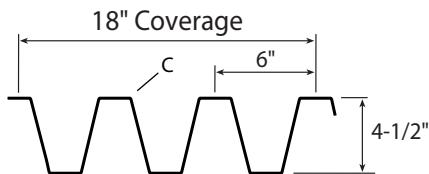


T25 Roof



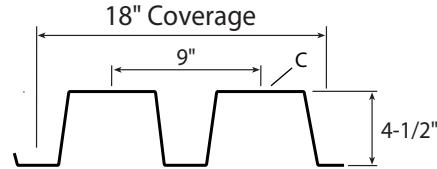
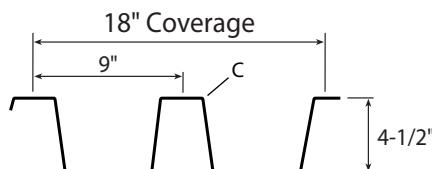
T25 Wall

TDR-6 Roof



TDR-6 Wall

TDR-9 Roof



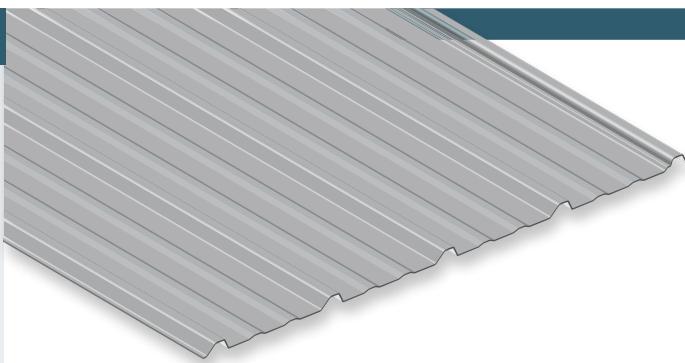
TDR-9 Wall

## Pro-Panel II®

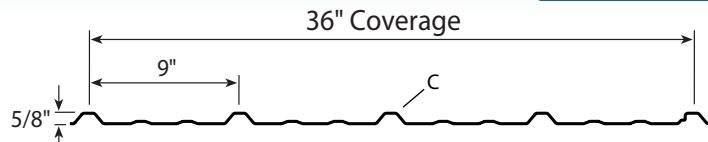
- Exposed direct-fastened, low profile panel for roof and wall
- 36" panel coverage
- Trapezoidal rib on 9" centers
- 5/8" rib height
- Gauges: 29 ga. and 26 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45®, ColorFit40™, PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 455 Diaphragm Test
- 2023 FBC Approved
  - 29 ga. over 1/2" Plywood, 14645.12
  - 29 ga. over 1/2" Plywood, 46539.2.2 wall



Pro-Panel II



## Classic Rib®

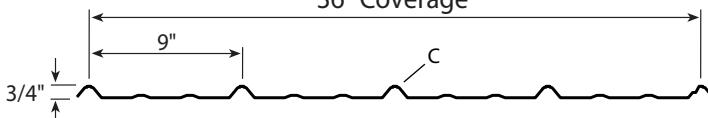
- Exposed direct-fastened, low profile panel for roof and wall
- 36" panel coverage
- Trapezoidal rib on 9" centers
- 3/4" bell-top rib height
- Gauges: 29 ga. and 26 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45®, ColorFit40™, Acrylic Coated Galvalume® and Galvanized
- Contact Metal Sales for load-carrying capabilities

### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #560 and 584
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 455 Diaphragm Test
- ASTM E 564-95 Diaphragm Test
- Miami-Dade County Approved, NOA 21-0629.10
- Texas Department of Insurance Evaluation Reports, RC-161 and RC-391
- ICC Evaluation Report, ESR-2385
- 2023 FBC Approved
  - 29 ga. over 2x Purlins, FL10999.4
  - 26 ga. over 5/8" Plywood, FL14645.7
  - 29 ga. over 2x Girts, FL9482.3
  - 26 ga. over 16 ga. Girts, FL9482.2
  - 29 ga. over 7/16" OSB, FL14645.8
  - 26 ga. over 16 ga. Purlins, FL10999.3
  - 29 ga. over 1/2" Plywood, FL14645.9
  - 29 ga. over 7/16" OSB, FL46539.1 wall
  - 29 ga. over 1/2" Plywood, FL14645.6



36" Coverage

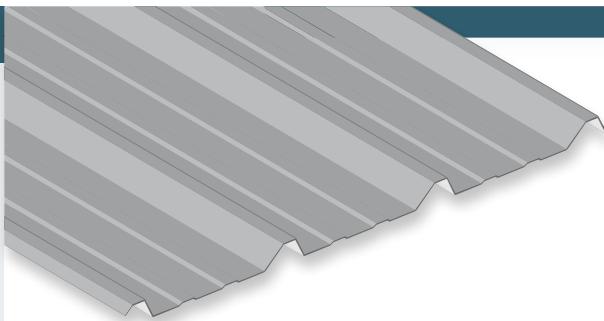




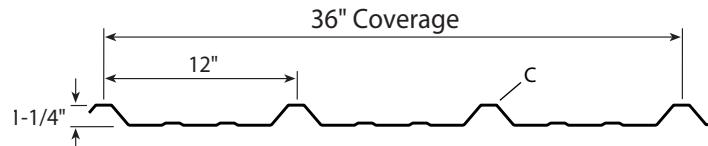
Classic Rib Roof and Wall Panel

## PBR-Panel, R-Panel

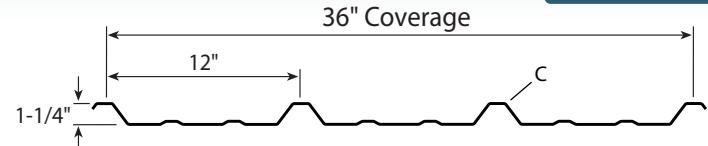
- Exposed direct-fastened panel for roof and wall applications
- 36" panel coverage
- Trapezoidal rib on 12" centers
- 1-1/4" rib height
- PBR-Panel Gauges: 26 ga. and 24 ga. standard, 22 ga. optional
- R-Panel Gauges: 26 ga. standard
- Minimum roof slope: 1:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45®, PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



PBR-Panel



R-Panel



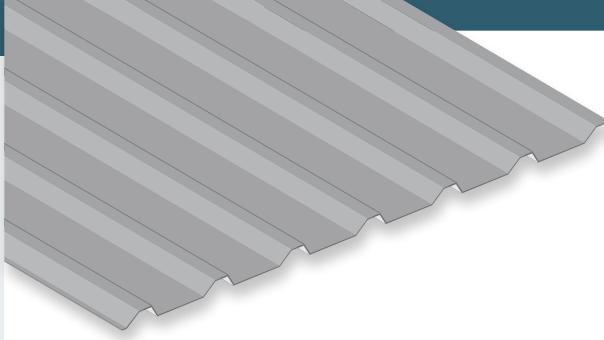
### Testing and Approvals

- UL 580, Class 90 Wind Uplift, Construction, #161
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 455 Diaphragm Test
- Miami-Dade County Approved, NOA 23-1214.05 and 23-1214.04 (24 ga. roof & wall)
- Texas Department of Insurance Evaluation Reports, RC-198, RC-265, RC-279, RC-391
- ICC Evaluation Report, ESR-2385 (R-Panel)
- 2023 FBC Approved
  - 26 ga. over 16 ga. Purlins, FL10999.7
  - 26 ga. over 16 ga. Girts, FL9482.4
  - 26 ga. over 1/2" Plywood, FL14645.11
  - 26 ga. over 1/2" Plywood, FL46539.3

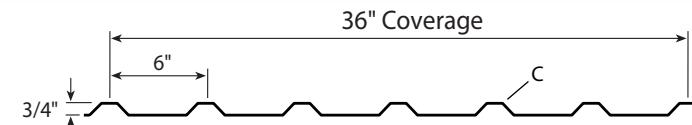


## PBU-Panel, U-Panel

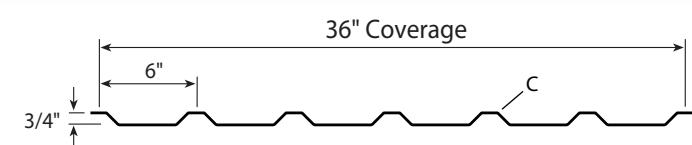
- Exposed direct-fastened panel for roof and wall applications
- 36" panel coverage
- Trapezoidal rib on 6" centers
- 3/4" rib height
- Gauges: 29 ga., 26 ga. and 24 ga. standard, 22 ga. optional
- Minimum roof slope: 1:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45®, PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



PBU-Panel



U-Panel

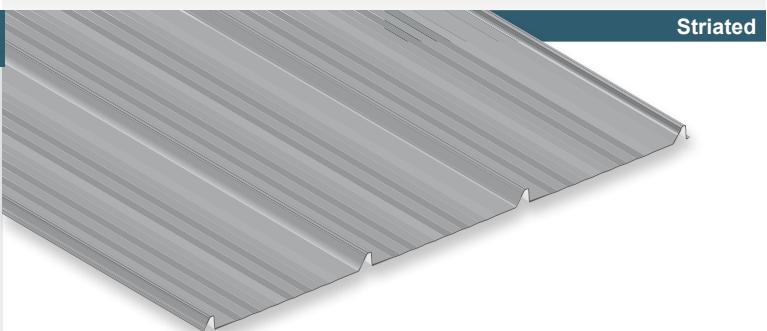


## Verti-Rib™

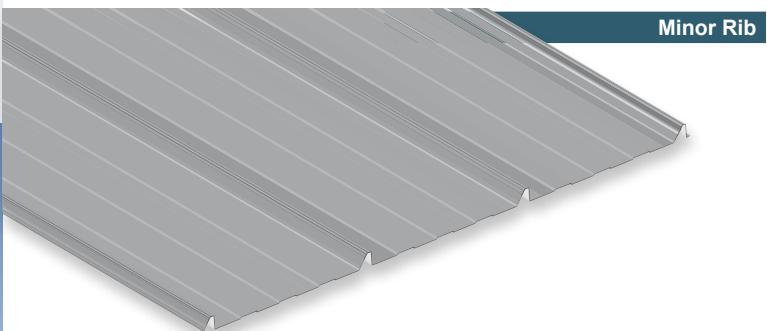
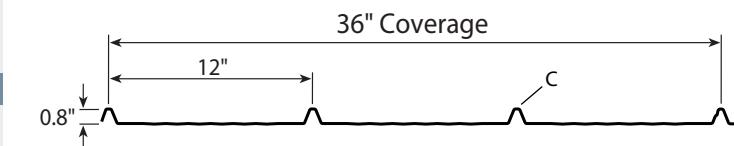
- Exposed direct-fastened, vertical rib panel for roof and wall
- 36" panel coverage
- Trapezoidal rib on 12" centers
- 0.8" rib height
- Gauges: 29 ga., 26 ga. and 24 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45®, ColorFit40™, PVDF and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities

### Testing and Approvals

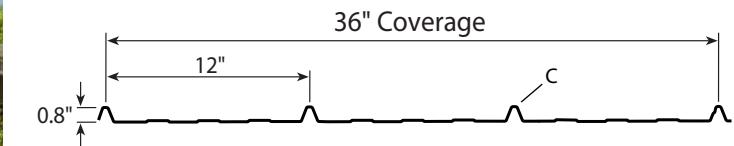
- UL 263, Fire Resistance Rating – per assembly
- UL 580, Roof Uplift – per assembly
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- ASTM E 455 Diaphragm Test
- 2023 FBC Approved
- 29 ga. over 1/2" Plywood, 14645.12



Striated



Minor Rib

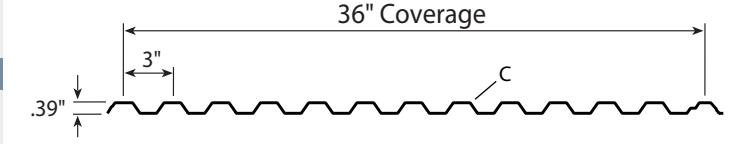
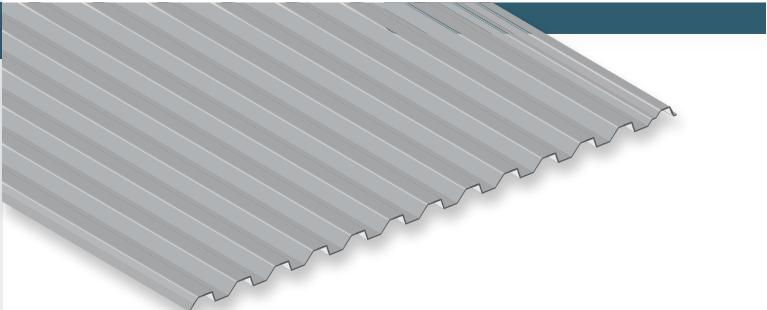


## DL-3 Panel

- Exposed direct-fastened panel for roof and wall applications
- 36" panel coverage
- .39" rib height
- Trapezoidal ribs on 3" centers
- Gauges: 29 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45® and Bare Galvanized
- Contact Metal Sales for load-carrying capabilities

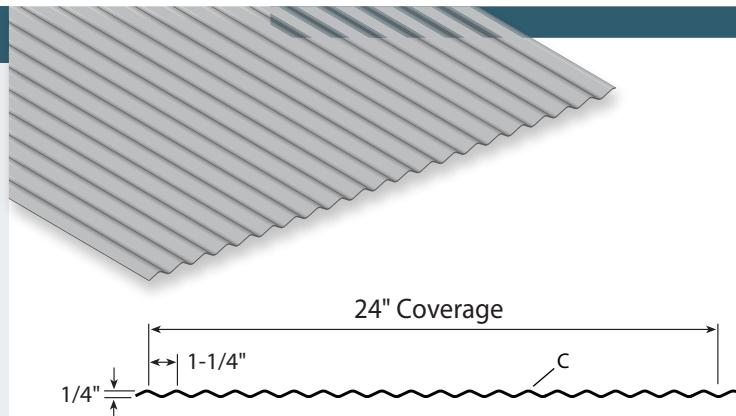
### Testing and Approvals

- ASTM E 1592 Structural Performance



## 1.25" Corrugated

- Exposed direct-fastened panel for roof and wall applications
- 24" panel coverage
- Corrugated ribs on 1-1/4" centers
- 1/4" rib height
- Gauges: 29 ga. and 26 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45® and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



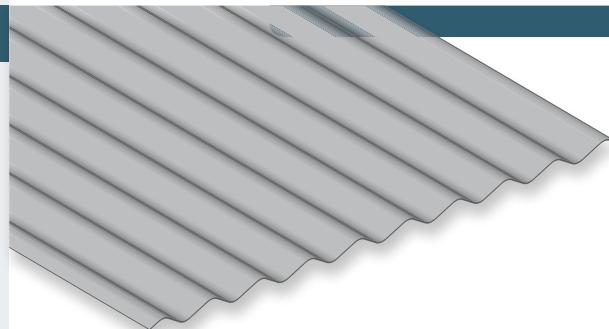
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #161
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance



## 2.5" Corrugated

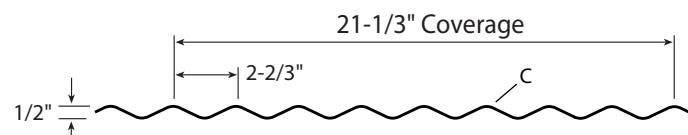
- Exposed direct-fastened panel for roof and wall applications
- 24" panel coverage (wall)
- 21-1/3" panel coverage (roof)
- Corrugated ribs on 2-2/3" centers
- 1/2" rib height
- Gauges: 29 ga. and 26 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45® and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



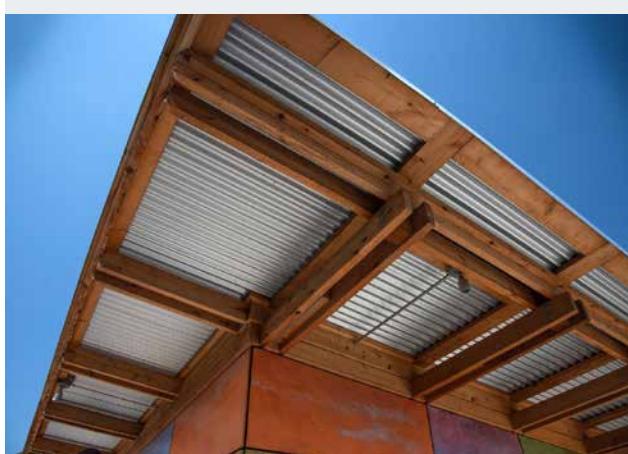
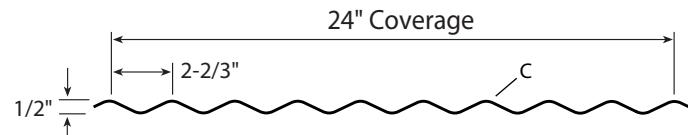
### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- Texas Department of Insurance Evaluation Report, RC-159
- ICC Evaluation Report, ESR-2385
- 2023 FBC Approved
- 26 ga. over 5/8" Plywood, FL14645.1

Roof

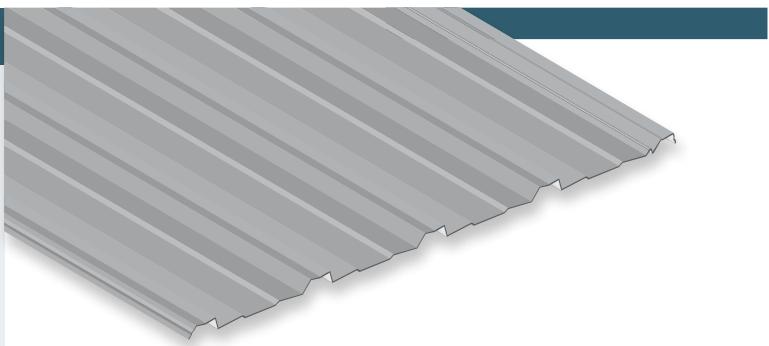


Wall



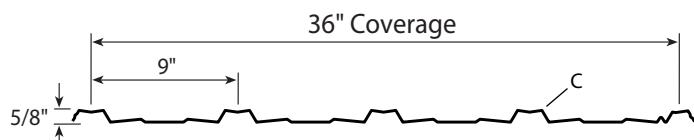
## Strongpanel®

- Exposed direct-fastened roof and wall panel
- 36" panel coverage
- 5/8" rib height
- Classic board and batten design, on 9" centers
- Gauges: 29 ga. and 28 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Strongcoat45® and Galvanized
- Contact Metal Sales for load-carrying capabilities



### Testing and Approvals

- UL 263, Fire Resistance – per assembly
- UL 580, Class 90 Wind Uplift, Construction, #161
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance
- Texas Department of Insurance, RC-405 and RC-406



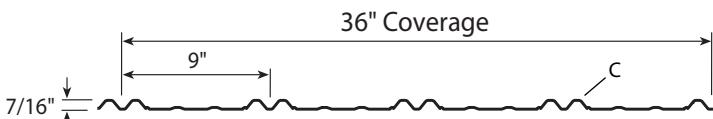
## Bi-Rib

- Exposed direct-fastened panel for roof and wall applications
- 36" panel coverage
- 7/16" rib height
- Double trapezoidal ribs on 9" centers
- Gauges: 29 ga. and 26 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45® and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



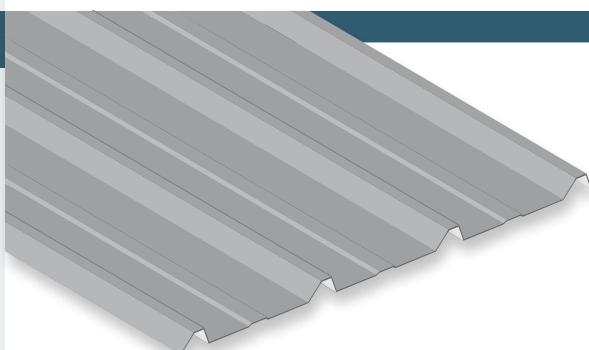
### Testing and Approvals

- UL 263, Fire Resistance – per assembly
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance



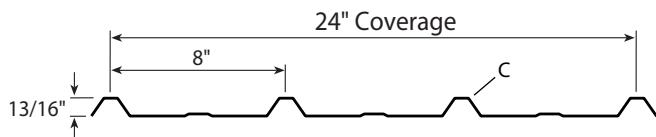
## Delta Rib

- Exposed direct-fastened panel for roof and wall applications
- 24" panel coverage
- 13/16" rib height
- Trapezoidal rib on 8" centers
- Gauges: 29 ga. and 26 ga. standard
- Minimum roof slope: 3:12
- Applies over open framing or solid substrate
- Finishes: MS Colorfast45® and Acrylic Coated Galvalume®
- Contact Metal Sales for load-carrying capabilities



### Testing and Approvals

- UL 263, Fire Resistance Rating – per assembly
- UL 790, Class A Fire Resistance Rating – per assembly
- UL 2218, Class 4 Impact Resistance





**Cold-Formed  
Bolt-Up  
Steel Building  
Solutions**

**Find out how easy it is to instantly provide your customers with a building design, cost estimate, construction contract, blueprints and more.**

Metal Sales IMPACT Steel Building program brings you a powerful, free software tool that allows you to sit down with your customers and help them design their next steel building from the ground up.

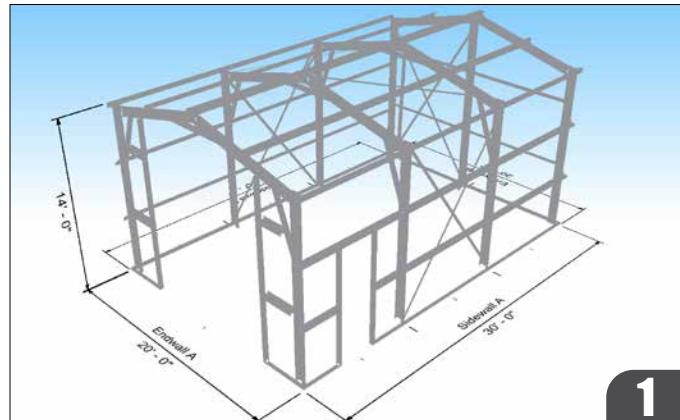
There's never been a better, faster and more appreciated way to help your customers than by saving them all the problems and inconvenience of designing and erecting a custom building from scratch. From engineered foundation designs to steel supply at the job site, IMPACT has it all covered.

## Why Cold-Formed Steel Buildings?

A cold-formed steel building is any building constructed with cold-formed steel and CEE sections that are bolted or screwed together to form clear span frames, columns and rafters. No welding is required.

### Advantages of Cold-Formed Steel Buildings

- High strength-to-weight ratio
- Non-combustibility
- Termite and insect resistant
- Fast order to delivery and ease of construction



**1**



**2**



**3**



## Self Storage Solutions

Metal Sales can offer you the flexibility to quote a wide variety of shapes and sizes. With our panels and flashings pre-loaded into the software, MBS allows for quick and easy building data input resulting in a complete Self Storage building solution. Contact Metal Sales for custom building designs.



Powered by MBS, the number one Self Storage software program in the United States. Trusted by over 200 metal building manufacturers.



The MBS program automatically prepares



erection drawings unique to each building inputted,

including Anchor Bolt Plans.

A stamped Engineer Seal is available for the erection drawings upon request. Contact Metal Sales for the latest testing and approval information.



Trained Metal Sales team members will work with



you to take your self storage building concepts

and make them a reality.



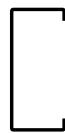
## Secondary Framing

- Cees and Zees 4" to 12" deep with 2-1/2" to 4" flange widths
- Gauges: 10, 12, 14 or 16
- Symmetrical and asymmetrical flanges
- Red Oxide finish ASTM A 1011 Grade 50, Class 2 (55 ksi min yield)
- Galvanized finish ASTM A 653 Grade 50, Class 2 (55 ksi min yield)
- Single Slope Eave Struts for high-side applications
- Double Slope Eave Struts for low-side applications

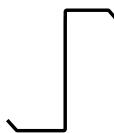
Other Components are available. Please inquire.



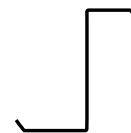
### CEES, ZEES AND EAVE STRUTS



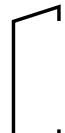
Cee



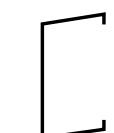
Equal Leg Zee



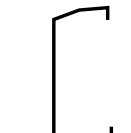
Lap Zee



Single Slope



Double Slope

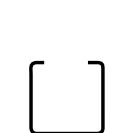


Universal

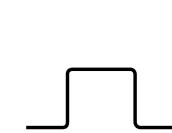
### CHANNELS, HAT SECTIONS AND ANGLES



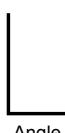
Channel



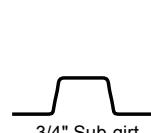
1-1/2" Channel



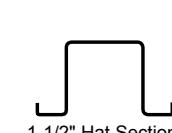
1-1/4" Hat Section



Angle



3/4" Sub-girt



1-1/2" Hat Section

## Retro-Master® System

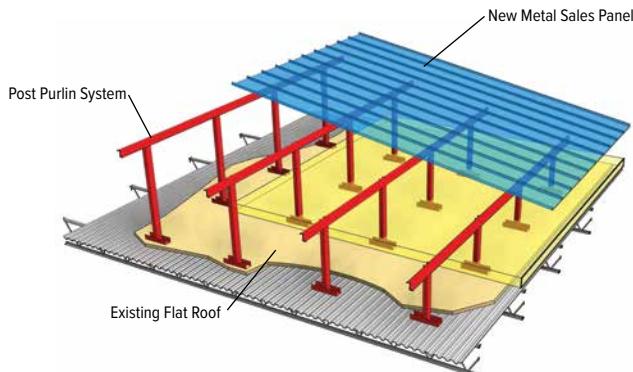
### Solutions for existing flat roofs

Retro-Master® is a complete retrofit roof system that easily and affordably transforms old and failing roofs into a new code-compliant and energy-efficient sloped metal roof.

- Added slope minimizes maintenance flat roof and geometry problems
- Roofing systems designed for a longer life cycle
- In-house engineering and design assistance available

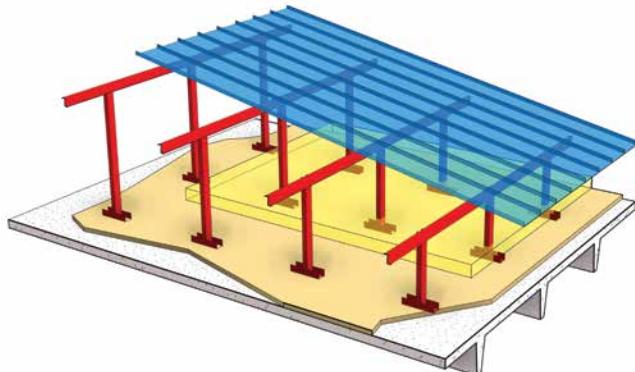
As a single-source solution Retro-Master® retrofit roof system is backed by a 20 year weathertight warranty and an industry-leading 45 year paint finish warranty. It is the ideal solution for schools, universities, retail centers, industrial or office building, military or any other building needing a new, long-lasting, high performance roof.

Post-Purlin over failing flat roof



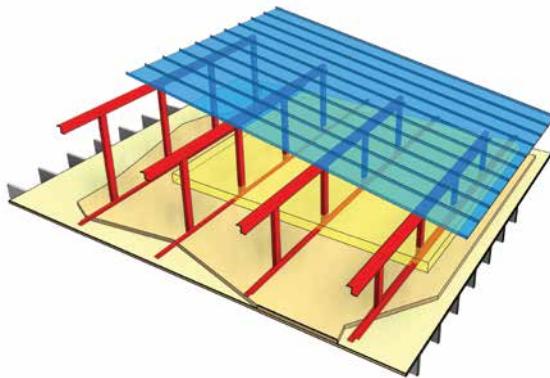
NEW METAL ROOF PANELS OVER EXISTING FLAT ROOF.

Post-Purlin over Concrete Substrate



RETRO-MASTER SYSTEM OVER CONCRETE SUBSTRATE

Post-Purlin Retrofit System



RETRO-MASTER SYSTEM OVER WOOD SUBSTRATE



## Roof Hugger™ System

### Solutions for existing sloped metal roofs

If your building has an existing sloped metal roof in need of replacement, Roof Hugger™ is the most complete and convenient solution. This easy, efficient and virtually waste-free system is installed over your existing roof, allowing your business to operate uninterrupted and allowing the option to install new insulation if needed.

This Metal-Over-Metal Reroof Solution combines high quality Metal Sales roof panels with a patented Roof Hugger™ sub-purlin retrofit framing system to deliver a new, structurally sound roof that will stand the test of time.

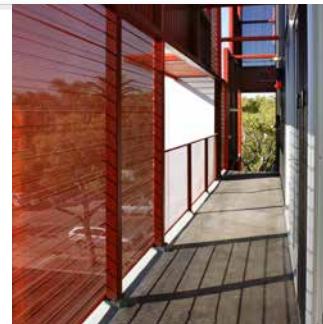
NEW METAL ROOF PANELS OVER EXISTING SLOPED METAL PANELS



## Perforation\*

- Perforated panels are an aesthetic design solution
- Wide array of panel profiles
- Available gauges: 24, 22, 20 or 18
- Windscreens, balcony railings, equipment and concealment screens, ventilation and interior liner

\*Panel perforation is manufactured by a 3rd party vendor. Contact Metal Sales for options available.



## Mitered Corners\*

- Non-Insulated panels up to 3" deep
- Vertical & Horizontal applications
- Profile widths or modules up to 36"
- +/- 90 Degrees (Inside – Outside – Double Corners)  
Corner leg dimensions up to 4'-0" in either direction

\*Mitered corners are manufactured by a 3rd party vendor. Contact Metal Sales for options available.



## Coating Systems

### Meet or exceed codes and standards

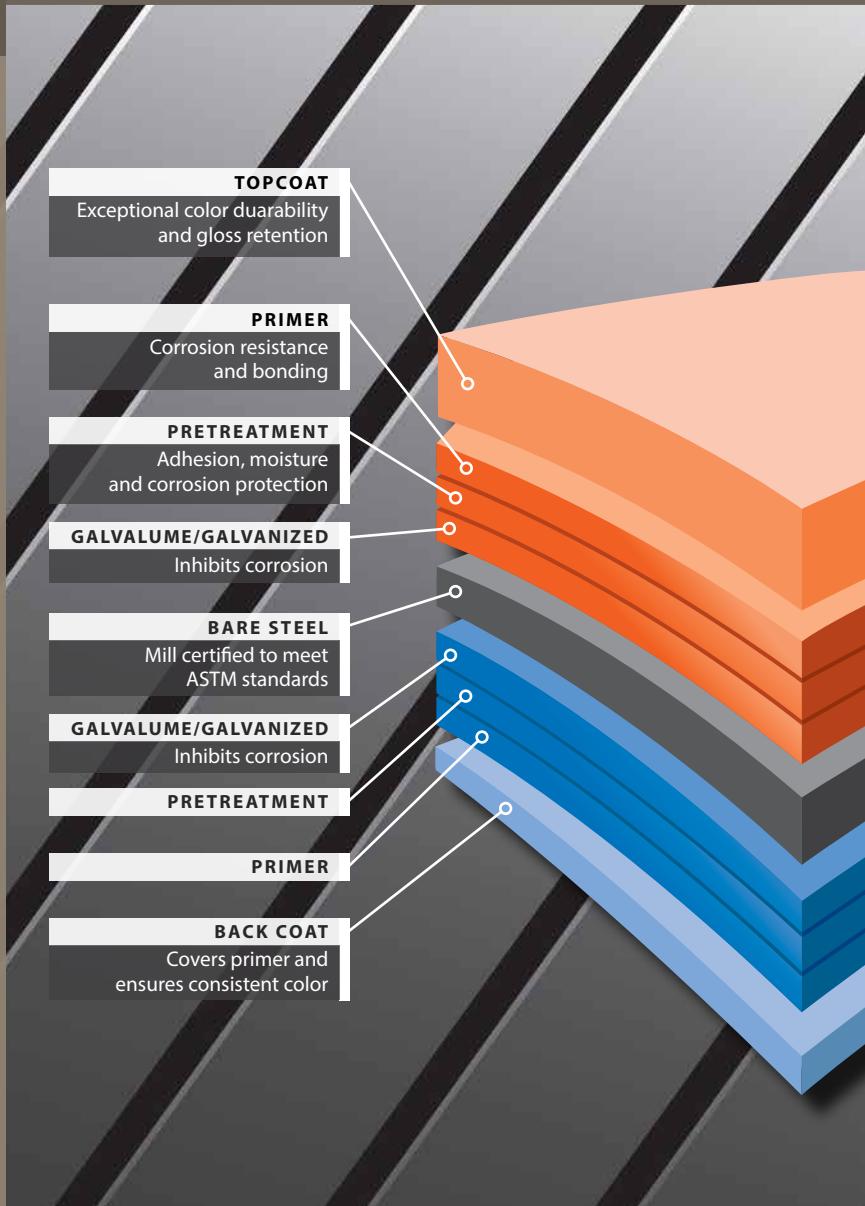
Our advanced coating technology ensures Metal Sales finishes and colors meet demonstrated energy performance requirements established by ENERGY STAR® and the Cool Roof Rating Council (CRRC) for solar reflectance and thermal emittance for steep sloped and/or low sloped buildings.

### Benefits of cool colors

Cool roof colors are offered from an engaging palette of light neutrals to dark saturated hues that respect the environment and help achieve your vision. Cool roofs may also contribute to other strategies for optimizing energy performance. Energy savings and other direct benefits are contingent upon building type, location and use.

### Substrate Materials

Our line of durable materials includes steel, stainless steel, weathering steel, copper and aluminum. Your Metal Sales representative has technical information on material and coating compatibility.



# Metal Sales Branch Locations



## **ANCHORAGE, ALASKA**

4625 Old Seward Highway  
Anchorage, AK 99503  
866.640.7663 ■ 907.646.7664/Fax

## **BAY CITY, MICHIGAN**

5209 Mackinaw Road  
Bay City, MI 48706  
888.777.7640 ■ 888.777.0112/Fax

## **DEER LAKE, PENNSYLVANIA**

29 Pinedale Industrial Road  
Orwigsburg, PA 17961  
800.544.2577 ■ 800.544.2574/Fax

## **DENVER, COLORADO**

7990 East I-25, Frontage Road  
Longmont, CO 80504  
800.289.7663 ■ 800.289.1617/Fax

## **DETROIT LAKES, MINNESOTA**

1435 Egret Avenue  
Detroit Lakes, MN 56501  
888.594.1394 ■ 888.594.1454/Fax

## **FONTANA, CALIFORNIA**

14213 Whitram Avenue  
Fontana, CA 92335  
800.782.7953 ■ 909.829.9083/Fax

## **FORT SMITH, ARKANSAS**

7510 Ball Road  
Fort Smith, AR 72908  
877.452.3915 ■ 479.646.5204/Fax

## **INDEPENDENCE, MISSOURI**

1306 South Powell Road  
Independence, MO 64057  
800.747.0012 ■ 800.409.3069/Fax

## **JACKSONVILLE, FLORIDA**

7110 Stuart Avenue  
Jacksonville, FL 32254  
800.394.4419 ■ 800.413.3292/Fax

## **KELSO, WASHINGTON**

2680 Coweeman Park Drive  
Kelso, WA 98626  
800.431.3470 ■ 253.872.2008/Fax

## **NEW ALBANY, INDIANA**

999 Park Place  
New Albany, IN 47150  
812.944.2733 ■ 812.944.1418/Fax

## **ROCK ISLAND, ILLINOIS**

8111 29th Street West  
Rock Island, IL 61201  
800.747.1206 ■ 309.787.1833/Fax

## **ROGERS, MINNESOTA**

22651 Industrial Boulevard  
Rogers, MN 55374  
800.328.9316 ■ 800.938.9119/Fax

## **SELLERSBURG, INDIANA**

7800 Highway 60  
Sellersburg, IN 47172  
800.999.7777 ■ 800.477.9318/Fax

## **SIOUX FALLS, SOUTH DAKOTA**

2700 West 3rd Street  
Sioux Falls, SD 57104  
888.299.0024 ■ 888.960.0429/Fax

## **SPOKANE, WASHINGTON**

2727 East Trent Avenue  
Spokane, WA 99202  
800.572.6565 ■ 509.534.4427/Fax

## **TEMPLE, TEXAS**

3838 North General Bruce Drive  
Temple, TX 76501  
800.543.4415 ■ 800.543.4473/Fax

## **WOODLAND, CALIFORNIA**

1326 Paddock Place  
Woodland, CA 95776  
800.759.6019 ■ 530.668.0901/Fax

**MS Metal Sales™**

800.406.7387 ■ [metalsales.us.com](http://metalsales.us.com)