

BERRIDGE

MANUFACTURING COMPANY

FREEDOM OF FORM IN ARCHITECTURAL METAL SYSTEMS



ROOFS • WALLS • SOFFITS • CEILINGS • FASCIA • SHEATHING
MANSARD • FRAMING • SCREEN WALL • RESTORATION • FENCING

800.669.0009 • WWW.BERRIDGE.COM

BERRIDGE TESTING AND CERTIFICATIONS SUMMARY CHART

■ - Steel only □ - Steel and Aluminum

STANDING SEAM ROOF PANELS	Wind			Fire		Impact	Wind		Wind and Water						Wind	FL PRODUCT APPROVAL	MIAMI DADE	TDI LISTED	ICC-ES Report	CEGS 07416
	UL 580	UL 90	UL 1897	UL 790	UL 263	UL 2218	ASTM E-1592	ASTM E-330	ASTM E-2140	ASTM E-1646	ASTM E-1680	ASTM E-331	ASTM E-283	FM 4471						
Tee-Panel		☐		☐	■	☐				☐	☐	☐	☐		■					
High Seam Tee-Panel*		☐		☐	■	☐				☐	☐	☐	☐		■					
Tee-Lock Panel	☐	☐	☐	☐		☐	■			☐	☐	☐	☐		☐		☐			
Cee-Lock Panel**	☐	☐	☐	☐	■	☐	■			■	■	■	■		☐	■	☐	■		
Zee-Lock Panel (Single Lock)**	■	■	■	■	■	■	■		■	■	■	■	■		■			■	■	
Double-Lock Zee-Lock Panel**	☐	■	☐	■	■	■	■		■	■	■	■	■	■	☐	■	☐	■	■	
OTHER ROOF SYSTEMS	UL 580	UL 90	UL 1897	UL 790	UL 263	UL 2218	ASTM E-1592	ASTM E-330	ASTM E-2140	ASTM E-1646	ASTM E-1680	ASTM E-331	ASTM E-283	FM 4471	FL PRODUCT APPROVAL	MIAMI DADE	TDI LISTED	ICC-ES Report	CEGS 07416	
Bermuda Roof Panel		■		■		■									■					
Spanish Tile Roof System	■		■	■		■									■		■			
S-Tile Roof Panel	■		■	■		■	■								■	■	■			
Batten Seam Roof System		■		■	■	■									■					
Victorian & Classic Shingles	■		■												■	■	■			
Fish Scale																				
Curved Flat Seam Panel																				
"M" Panel		■		■		■									■					
"R" Panel		■		■		■									■					
Deep Deck Panel		■		■		■	☐			☐	☐				☐			☐		
S-Deck				■		■	☐								☐			☐		
Double Rib Panel		■		■		■									■					
FASCIA, WALL & SOFFIT PANELS	UL 580	UL 90	UL 1897	UL 790	UL 263	UL 2218	ASTM E-1592	ASTM E-330	ASTM E-2140	ASTM E-1646	ASTM E-1680	ASTM E-331	ASTM E-283	FM 4471	FL PRODUCT APPROVAL	MIAMI DADE	TDI LISTED	ICC-ES Report	CEGS 07416	
HS-8 & HS-12 Wall Panels***							☐					☐	☐		☐			☐		
HR-16 Panel							☐					☐	☐		☐	■	■			
Vee-Panel																				
FW-12 & FW-1025 Panels							☐					☐	☐		☐	■	☐			
L-Panel							■									■	■			
B-6 Panel								■												
Flush Seam								■					■		■					
Thin-Line								■							■					
Fluted Fascia Panel								■							■					

For actual test results, technical questions, fastener types, fastener spacing or job-specific engineering, please contact the Berridge technical department at (800) 669-0009 or technical@berridge.com. Updates and additional testing are added on a continual basis. Consult the Berridge technical department for the latest updates.

* 1" tall seam is UL-90 wind uplift approved for both steel and aluminum. 1½" tall seam is UL-90 wind uplift approved for steel only

** Use continuous ribs for ASTM E-1646, ASTM E-1680, ASTM E-331, and ASTM E-283 compliance

*** See HR-16 Panel for test results on ASTM E-331 and ASTM E-283 with similar panel seams

UL 90 - Uplift test of roof system
 UL 1897 - Uplift test of roof system
 UL 790 - Fire test of roof system
 UL 263 - Fire test of construction and materials
 UL 2218 - Impact resistance of prepared roof covering materials
 ASTM E-1592 - Structural performance of sheet metal roof and siding systems by uniform static air pressure difference
 ASTM E-330 - Structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference

ASTM E-2140 - Water penetration of metal roof panel systems by static water pressure head
 ASTM E-1646 - Water penetration of exterior metal roof panel systems by uniform static air pressure difference
 ASTM E-1680 - Rate of air leakage through exterior metal roof panel systems
 ASTM E-331 - Water penetration of exterior windows, skylights, doors and curtain walls by uniform static air pressure difference
 ASTM E-283 - Rate of air leakage through exterior windows, curtain walls and doors under specified pressure differences across the specimen

FM 4471 - This standard states approval requirements for Class 1 panel roofs. A Class 1 panel roof meets the criteria of this standard for fire, wind, foot traffic and hail damage resistance
 Florida Product Approval - Standard of practice for product evaluations and consistency of enforcement for the state of Florida
 Miami-Dade Approval - Established with its main goal to allow new and innovated ideas to be developed into useful, practical, lasting and safe products for use in high velocity hurricane zones

COIL & FLAT SHEETS



Berridge owns and operates its own continuous coil-coating paint line to provide fast, responsive service for coil and flat sheets. A wide array of long-life Kynar 500® /Hylar 5000® Berridge colors are available pre-slit for portable roll forming or in flat sheet form for custom trim and flashing fabrication. Branch locations have a large inventory of 24 gauge painted flat sheets in all our standard colors and slit coil in popular widths and colors for immediate pick up.

PORTABLE ROLL FORMERS

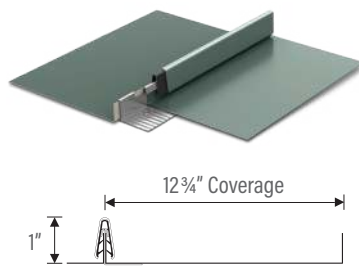


Berridge offers both factory-formed panels and a full-line of precision tolerance portable roll forming equipment to site-form standing seam roof panels. All Berridge portable roll formers are factory-set, dedicated profile machines that require no field adjustments. Site-formed panels require no end lap splices and are formed in continuous eave-to-ridge lengths. Roll formers are available for sale and for short-term or long-term lease.

STANDING SEAM ROOF SYSTEMS

TEE-PANEL

Straight, Curved and/or Tapered



24 Gauge Steel
Limited Availability: 22 Gauge Steel, 0.032 Aluminum

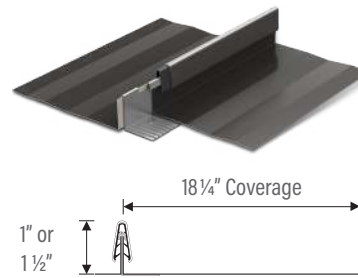
Specifications

Uses: Roof, Fascia*
Coverage: 12 3/4"
Finishes: Smooth
Fasteners: Concealed
Applications: Solid sheathing
Seam: 1" snap-on with extruded vinyl weatherseal

* Fascia can not be curved or tapered

HIGH SEAM TEE-PANEL

Straight, Curved and/or Tapered



24 and 22 Gauge Steel
0.032 Aluminum

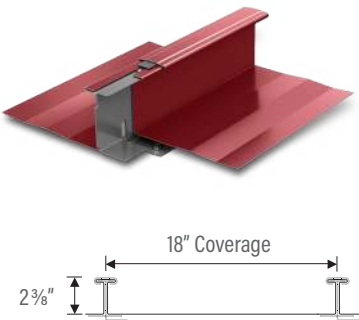
Specifications

Uses: Roof, Fascia*
Coverage: 18 1/4"
Finishes: Striated, optional smooth
Fasteners: Concealed
Applications: Solid sheathing
Seam: 1" or 1 1/2" snap-on with extruded vinyl weatherseal

* Fascia can not be curved or tapered

TEE-LOCK PANEL

Straight



24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

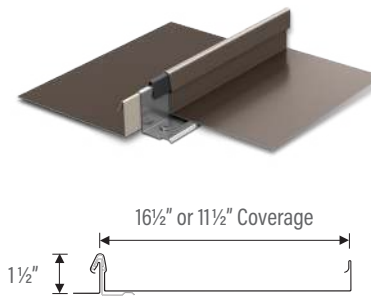
Specifications

Uses: Roofing, Fascia*
Coverage: 18"
Finishes: Striated, optional smooth
Fasteners: Concealed
Applications: Open framing, solid sheathing
Seam: 2 3/8" standing mechanically seamed sidelap
Optional: Extruded vinyl weatherseal

* Requires flashing break from roof to fascia

CEE-LOCK PANEL

Straight



24 and 22 Gauge Steel
0.032 Aluminum

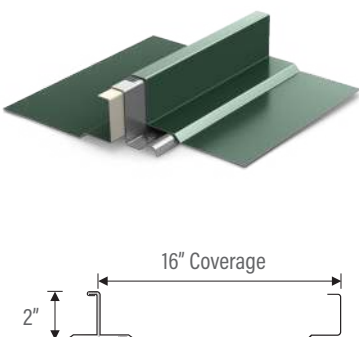
Specifications

Uses: Roof, Fascia
Coverage: 16 1/2" or 11 1/2"*
Finishes: Smooth, optional striations
Fasteners: Concealed
Applications: Solid sheathing
Seam: 1 1/2" snap-lock seam
Optional: Extruded vinyl weatherseal

* Contact BMC for material availability. Not available with striations.

ZEE-LOCK PANEL

Straight, Curved or Tapered



24 and 22 Gauge Steel
0.032 and 0.040 Aluminum**

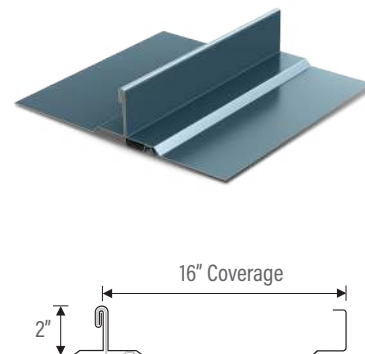
Specifications

Uses: Roof, Fascia*
Coverage: 16"
Finishes: Smooth, optional striations
Fasteners: Concealed
Applications: Open framing, solid sheathing
Seam: 2" standing mechanically seamed sidelap
Optional: Extruded vinyl weatherseal on continuous rib, snap-on batten cap

* Fascia can not be curved or tapered
** Aluminum can not be curved or tapered

DOUBLE-LOCK ZEE-LOCK PANEL

Straight



24 Gauge Steel
0.032 and 0.040 Aluminum

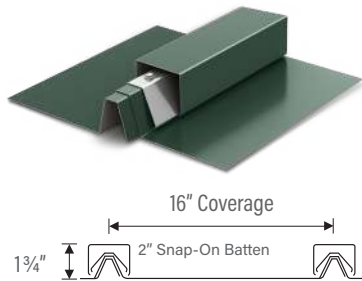
Specifications

Uses: Roof, Fascia*
Coverage: 16"
Finishes: Smooth, optional striations
Fasteners: Concealed
Applications: Open framing, solid sheathing
Seam: 2" standing mechanically seamed sidelap

* Requires flashing break from roof to fascia

ALTERNATIVE SYSTEMS

BATTEN SEAM PANEL



24 Gauge Steel

Specifications

Uses: Roof, Fascia
Coverage: 16"
Finishes: Smooth
Fasteners: Concealed
Applications: Open framing, solid sheathing
Seam: 2" wide and 1 3/4" high snap-on batten cap

BERMUDA ROOF PANEL



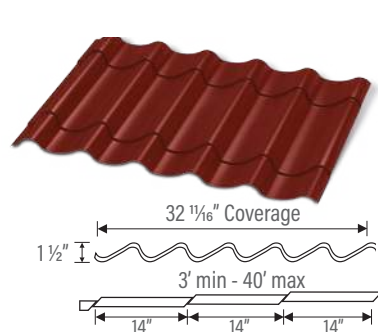
24 Gauge Steel

Specifications

Uses: Roof, Fascia, Mansard
Coverage: 11"
Finishes: Smooth, optional wood grain texture
Fasteners: Concealed
Applications: Solid sheathing
Seam: 1" seam
Optional: Vinyl weatherseal

SIMULATED TILE ROOF SYSTEMS

S-TILE

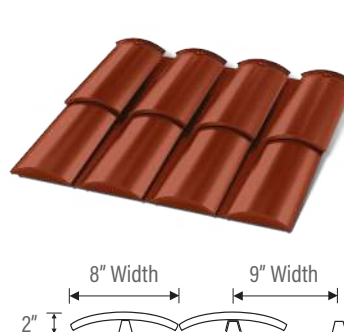


24 Gauge Steel

Specifications

Uses: Roof
Coverage: 32 1/16"
Finishes: Smooth
Fasteners: Exposed
Applications: Solid sheathing
Tiles: 14" step lengths and 1 1/2" tall

SPANISH TILE



24 Gauge Steel

Specifications

Uses: Roof
Coverage: 8" wide x 16" long
Finishes: Smooth
Fasteners: Concealed
Applications: Open framing, solid sheathing
Tiles: 8" wide and 2" tall
Optional: Custom mixed color palette

BERRIDGE METAL SHINGLES

FISH SCALE SHINGLES



8 1/2" x 11 1/2" Coverage

24 Gauge Steel

Specifications

Uses: Walls, Steep Mansards, Fascia
Finishes: Lightly textured and scalloped
Fasteners: Concealed
Applications: Solid sheathing
Coverage: 8 1/2" tall and 11 1/2" wide

CLASSIC & VICTORIAN SHINGLES



9" x 12" Coverage

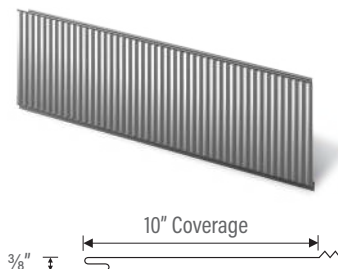
24 Gauge Steel

Specifications

Uses: Roof, Wall, Fascia
Finishes: Victorian or Classic embossed pattern
Fasteners: Concealed
Applications: Solid sheathing
Coverage: 9" wide and 12" tall

SPECIALTY APPLICATION SYSTEM

FLUTED FASCIA PANEL



24 Gauge Steel

Specifications

Uses: Walls, Fascia, Steep Mansards
Coverage: 34 1/2" X 10"
Finishes: Fluted
Fasteners: Concealed
Applications: Horizontal over solid wood sheathing

CURVED FLAT SEAM PANEL



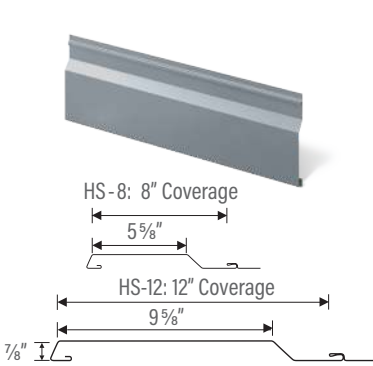
24 Gauge Steel

Specifications

Uses: Fascia
Coverage: 8"
Finishes: Smooth
Fasteners: Concealed
Applications: Curved over solid sheathing

FASCIA, WALL & SOFFIT SYSTEMS

HS-8 & HS-12 PANEL

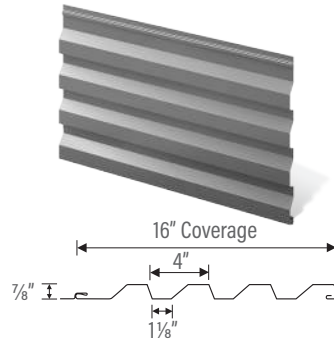


24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications

Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
Coverage: HS-8: 8"; HS-12: 12"
Finishes: Standard stucco embossing, optional smooth*
Fasteners: Concealed
Applications: Vertical on Fencing; horizontal or vertical over open framing or solid sheathing for other uses
Pattern: 7/8" H & 5 5/8" (HS-8) or 9 5/8" (HS-12) rib w/ 2" reveal
* Limited availability

HR-16 PANEL

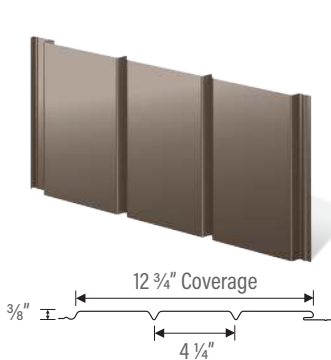


24 and 22 Gauge Steel
0.032 Aluminum

Specifications

Uses: Wall, Fascia, Screen Wall, Berridge Fencing System
Coverage: 16"
Finishes: Smooth
Fasteners: Concealed
Applications: Vertical on Fencing; horizontal or vertical over open framing or solid sheathing for other uses
Pattern: 7/8" height and 4" rib with 2" reveal

VEE-PANEL

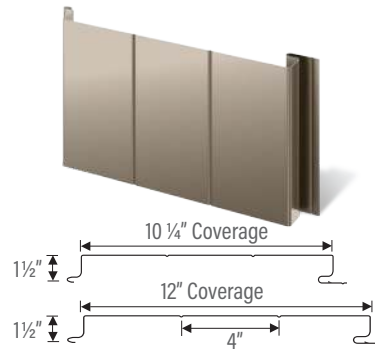


24 and 22 Gauge Steel

Specifications

Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
Coverage: 12 3/4"
Finishes: Smooth, optional wood grain
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing
Pattern: 4 1/4" between grooves, optional venting

FW-12 AND FW-1025 PANEL

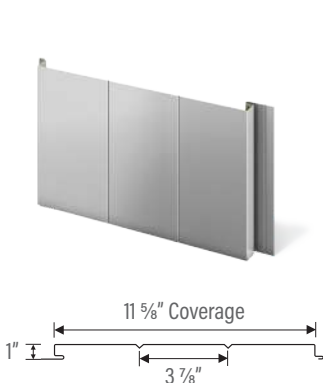


24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications

Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall
Coverage: FW-1025: 10 1/4"; FW-12: 12"
Finishes: Smooth, optional stucco emboss
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing
Pattern: Optional vee-grooves, striations or venting
Optional: Seam lock feature

L-PANEL

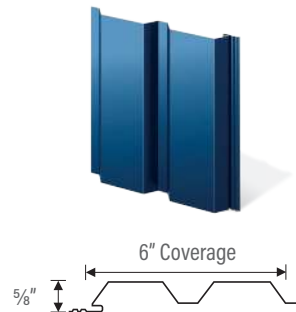


24 and 22 Gauge Steel
0.032 Aluminum

Specifications

Uses: Soffit, Ceiling, Fascia, Screen Wall
Coverage: 11 5/8"
Finishes: Smooth, optional stucco emboss
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing
Pattern: Optional vee-grooves and venting

B-6 PANEL

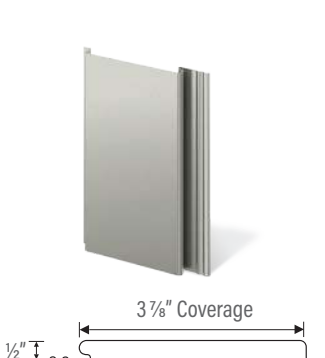


24 Gauge Steel

Specifications

Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
Coverage: 6"
Finishes: Smooth
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing
Pattern: Extruded vee-grooves

FLUSH SEAM PANEL

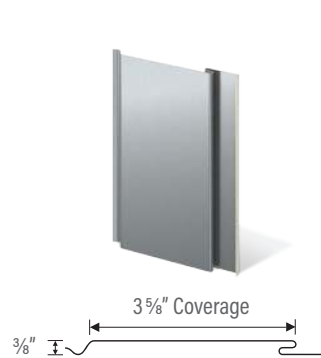


24 Gauge Steel

Specifications

Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
Coverage: 3 7/8"
Finishes: Stucco embossed, optional wood grain
Applications: Vertical over open framing or solid sheathing
Fasteners: Concealed

THIN-LINE PANEL



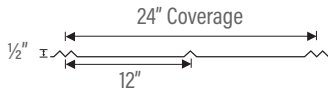
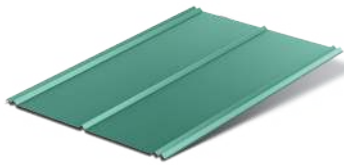
24 Gauge Steel

Specifications

Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
Coverage: 3 5/8"
Finishes: Smooth, optional wood grain or stucco embossed
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing

EXPOSED FASTENERS

DOUBLE-RIB PANEL

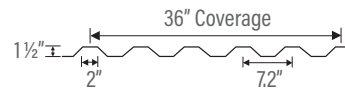


24 Gauge Steel

Specifications

Uses: Roof
Coverage: 24"
Finishes: Smooth
Fasteners: Exposed
Applications: Vertical over solid sheathing

DEEP-DECK PANEL



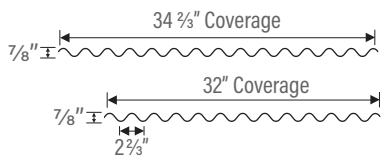
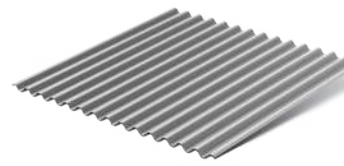
24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications

Uses: Roof, Wall, Soffit, Ceiling, Fascia, Sheathing, Screen Wall
Coverage: 36"
Finishes: Smooth corrugated
Fasteners: Exposed
Applications: Vertical on Roof; vertical or horizontal over open framing or solid sheathing for other uses

S-DECK PANEL

Straight and Curved (limited)

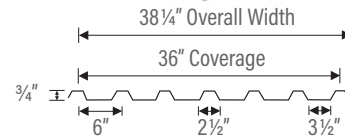


24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications

Uses: Roof, Wall, Soffit, Ceiling, Fascia, Sheathing, Screen Wall
Coverage: 32" and 34 2/3"
Finishes: Smooth corrugated
Fasteners: Exposed
Applications: Vertical on Roof; vertical or horizontal over open framing or solid sheathing for other uses
Optional: Factory curved for limited applications

"M" PANEL

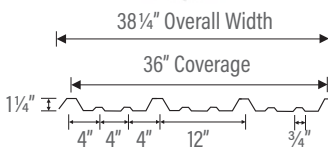


24 and 22 Gauge Steel
0.032 Aluminum

Specifications

Uses: Roof, Wall, Soffit, Ceiling, Fascia, Mansard, Sheathing, Screen Wall
Coverage: 36"
Finishes: Smooth corrugated
Fasteners: Exposed
Applications: Vertical on Roof or Mansard; vertical or horizontal over open framing or solid sheathing for other uses

"R" PANEL



24 and 22 Gauge Steel
0.032 Aluminum

Specifications

Uses: Roof, Wall, Soffit, Ceiling, Fascia, Mansard, Sheathing, Screen wall
Coverage: 36"
Finishes: Smooth corrugated
Fasteners: Exposed
Applications: Vertical on Roof or Mansard; vertical or horizontal over open framing or solid sheathing for other uses

ARCHITECTURAL PRIVACY FENCE



24 Gauge Steel Spaceframe Components
16 Gauge Galvanized Steel Posts

Specifications

Fence Heights: 4' 2", 6' 2", 8' 2" and 10' 2"
Panel Widths: Vary by panel choice.
Available in seven 24 gauge panels: Vee-Panel, Flush Seam, Thin Line, B-6, HS-8/HS-12, or HR-16 panel
Finishes: Vary by panel choice
Fasteners: Interlock with concealed fasteners

SPACEFRAME



24 and 16 Gauge Steel

Specifications

Uses: Framing of light-commercial and residential projects

VANTAGE POINT

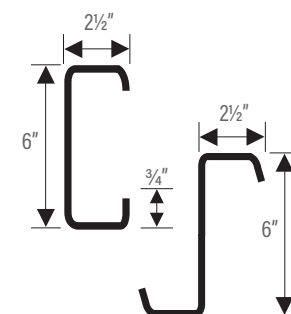


24 and 16 Gauge Steel

Specifications

Uses: Retrofit roof framing system that provides a new design appearance, hides unsightly mechanical equipment and offers watertight integrity.

LIGHT GAUGE FRAMING



24 and 16 GA Steel

Framing members: hat, purlin, channels, cee, zee

BERRIDGE MATERIALS & COATINGS

Berridge Standard Colors



Please consult the BMC Technical department at Technical@Berridge.com for LEED and Energy Star compliance information. Due to limitations in the printing process, please request actual color chips for accurate color viewing. * Berridge premium and metallic colors require a nominal surcharge.

Berridge offers 24 Gauge and 22 Gauge Galvalume® steel and 0.032 and 0.040 aluminum in a wide-selection of Kynar 500®/Hylar 5000® finishes on the topside and a backer coating on the bottom. A protective, strippable film is applied to all prefinished material and must be removed prior to installation. Virtually unlimited custom colors are available with a minimum of 5,000 square feet order. Consult BMC for pricing and availability.

All colors applied by Berridge are premium fluoropolymer coatings produced with full strength Kynar 500®/Hylar 5000® resin. Kynar 500®/Hylar 5000® affords maximum exterior durability due to its outstanding resistance to ultraviolet radiation. All colored finishes carry a 20-year warranty against cracking, peeling and fading.

APPLICATIONS AND WARRANTIES

Finish Warranties

Berridge offers finish warranties for the Kynar 500®/Hylar 5000® PVDF resin-based coatings, which it applies on its continuous coil coating line. Warranties are issued upon submission and acceptance of a paint finish warranty application within one year of invoice date and payment in full of all material invoices.

Watertightness Warranties

Berridge offers watertightness warranties on approved Berridge roof assemblies upon submission and acceptance of a watertightness warranty application, approval of installer's roof installation details, inspection and approval of roof installation and payment in full of all material invoices.

Product Applications

For design assistance and specific product application recommendations, please contact Berridge's Technical Department at 800-231-8127 or visit www.berridge.com for more information.

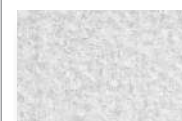
Premium Colors*



Metallic Colors*



Natural Metal Finish



Acrylic-Coated Galvalume®

Berridge Acrylic-Coated Galvalume® is a coated sheet product that combines the corrosion resistance of Galvalume® steel sheet with a clear, organic resin applied to the top side and bottom side of Galvalume® substrate.

SEMINARS

AIA/CES Seminars

Berridge is registered with the AIA Continuing Education System and is committed to developing quality learning activities in accordance with the CES criteria. Please call Berridge's Architecture Department at 800-231-8127 for more information about the city-wide, multi-office AIA/CES Seminars.

Installation Seminars

Berridge Roof Installation Training Seminars are one-day sessions conducted by the Watertightness Warranty Department at the Berridge Training Facility in Houston, Texas. The seminar consists of classroom instruction and installation demonstrations using full-scale roof mock-up assemblies and provides in-depth coverage of material handling, underlayment systems, critical installation details for standing seam products and watertight warranty requirements.

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