

*Merchant & Evans, Inc.*

**METAL ROOFING**

Zip-Rib Structural Roofing

Zip-Rib Canopies

Customform BD-1520

Customform Architectural Roofing

Zip-Lok Panel



## ZIP-RIB STRUCTURAL ROOFING

### UNCOMPROMISING PERFORMANCE

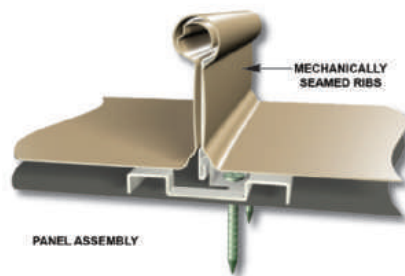
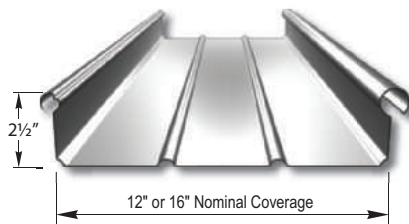
Stringently tested in the laboratory and field to assure superior performance, Zip-Rib establishes the industry benchmark:

- Carries Dade County Notice of Acceptance
- Conforms to FM-4471 Class 1 Roof Assembly
- Carries the UL 90 wind uplift rating in steel and aluminum
- Tested in-house with a state-of-the-art uplift chamber in accordance with ASTM-E1592 for positive and negative load resistance
- Passes severe static and dynamic wind and water tests (ASTM-E1680, ASTM-E1646, AAMA 501-83)
- Carries the UL Class A fire rating

- Classified under UL CETW category for use in dozens of fire constructions
- New York City MEA approval in aluminum and steel

### ACCOMMODATING VERSATILITY

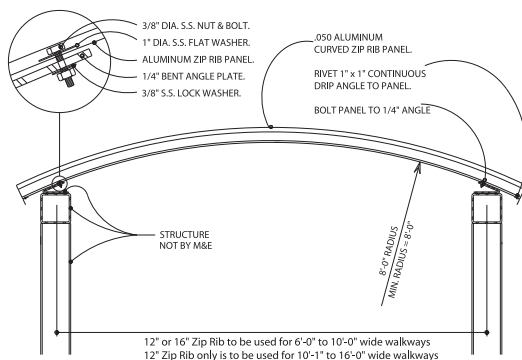
Zip-Rib panels accommodate the most complex roof configurations — even curved surfaces — allowing smooth transitions between roof planes and between the roof and other building elements. A variety of end panels and ridge covers cap off the most complex roof design.



## ZIP-RIB CANOPY

### ZIP-RIB FREE-SPAN CANOPIES

Since 1964, ZIP-RIB has set the standard for high-performance standing seam metal roofing. Now, ZIP-RIB offers designers yet another design solution for canopy designs using fewer structural steel members. Building on the strength achieved by radiused ZIP-RIB roof panels, it is possible to either greatly reduce or eliminate the need for curved rafters and/or purlins in certain canopy applications. Free-Span canopies can be safely designed to spans of 16 feet without intermediate purlins.



NOTE: Minimum rise to span ratio is 0.25 (Example: 10'-0" span = 2'-6" min. rise)

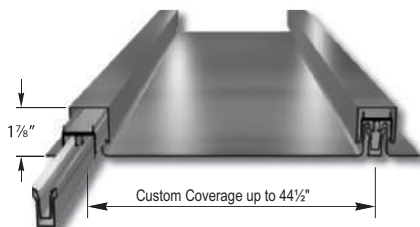


## CUSTOMFORM BD-1520

### MATCHING YOUR PERFECT CURVES

Designed especially for complex roof applications and available as a functional architectural product, the Merchant & Evans Customform BD-1520 system accommodates a variety of curved designs, including domes, hips and barrel vaults, as well as tapered and straight-run projects. Whatever profile your design calls for, Merchant & Evans' design and engineering staffs can develop a system to match your needs.

BD-1520 panels are manufactured from a selection of long-life metals including aluminum, zinc, copper, lead-coated copper, and stainless steel, as well as coated carbon steel.



### CUSTOMFORM CORNICES

Whether yours is a traditionally designed project, a retrofit or a historic restoration, Merchant & Evans craftsmen can custom-design and detail virtually any cornice geometry required. From the simplest lines to the most complex traditional profiles, our craftsmen will match your specific design requirements to achieve the look that your vision demands. Underwriters Laboratories Tested.

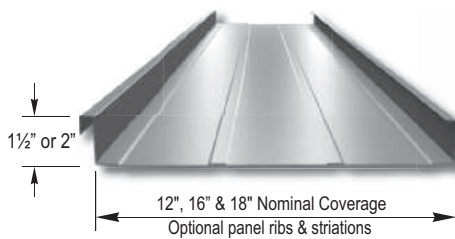
Customform cornices are manufactured from 0.032- to 0.063-inch smooth aluminum, and all corners, transitions and end conditions are heliarc-welded into a water-tight integral unit to eliminate contour distortion.



## ZIP-LOK PANEL

Merchant & Evans continues to listen and respond to our customers needs with the Zip-Lok panel system. This Single or Double locking panel system which is mechanically seamed gives design professionals an additional panel system from Merchant & Evans to suit their application needs. In staying with our long tradition of quality engineered panel systems, the Zip-Lok panel provides performance testing data that rivals or exceeds the industry standards. The Zip-Lok panel can be manufactured in 12", 16" and 18" nominal coverage with a 1½" or 2" high standing seam with optional panel ribs and striations. As with all our panel systems the Zip-Lok Panel can be manufactured in a

number of standard materials 24, 22 Gauge Galvalume (Aluminum/Zinc Coated Steel) as well as .032, .040 Aluminum. The standard materials can utilize a mill finish or standard 1.0 mil Kynar coating system in a smooth or stucco embossed surface. As always, other materials, gauges and custom coatings are available.



## CUSTOMFORM ARCHITECTURAL ROOFING

### STRETCHING DESIGN OPTIONS

Whether for new construction or in retrofit applications, Customform concealed-clip panels offer optimal design flexibility. Their wide range of profiles (including custom caps), closure systems and rib widths adapt smoothly to virtually any design application and effortlessly accommodate complex roof configurations that incorporate unusual return conditions, such as hips, soffits and gambrels.

Manufactured in 22- or 24-gauge steel and in 0.032- or 0.040-inch aluminum (custom materials available on a project basis), in

smooth or embossed finishes, the snap-fit panels install easily to provide economical, high-performance roofing solutions.



### ARCHITECTURAL ROOFING

Customform roofing systems are available in four distinctive profiles to match your design and budget requirements:

- **B1515R.** Suitable for straight runs, conical tapers and barrel vault applications with a radius as tight as 16 feet in aluminum; custom extruded battens available.

## CURVED PANEL

### CURVED TO PERFECTION

Merchant & Evans offers capabilities second to none in the industry. From architectural cladding to functional Zip-Rib, no other manufacturer offers more design options.



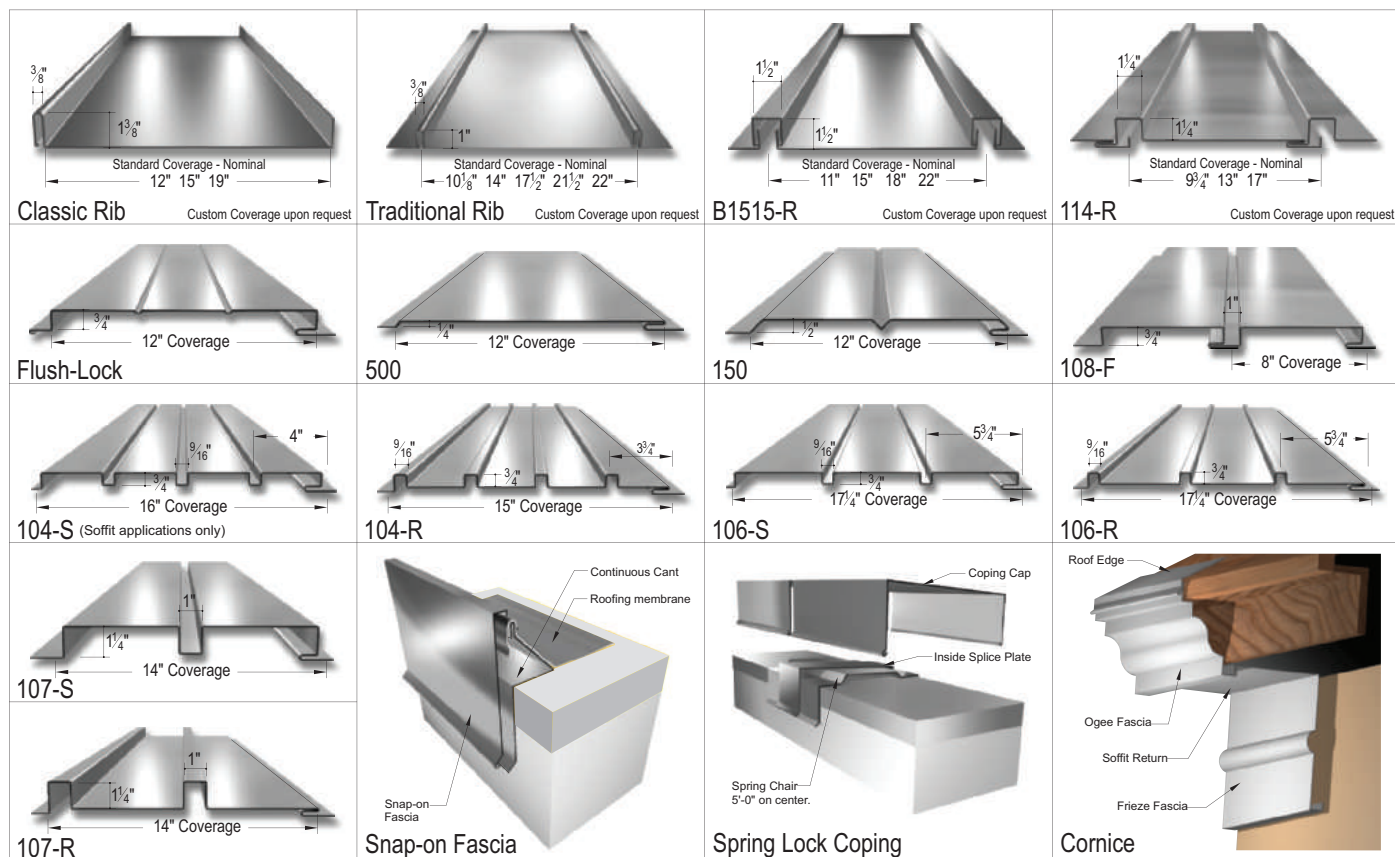


## PRODUCT SELECTION GUIDE

	Structural	Architectural	Accommodates barrel vault designs	Shallow slope (less than 3":12")	Accommodates tapered designs	Accommodates domed designs	Seam height	Snap-lock seam/batten	Mechanical seam	UL-90 classification	ASTM-E1592 tested	New York City MEA approval for steel	Dade County NOA	FM 4471 Class 1
ZIP-RIB	•	•	•	•	•		2½"		•	•	•	•*	•	•
ZIP-LOK	•	•	•	•	•		1½"-2"		•	•	•			
BD-1520	•	•	•	•	•	•	2"	•		•	•	•		
B1515R		•	•		•		1½"	•				•		
114 R		•			•		1¼"	•				•		
CLASSIC RIB		•			•		1⅝"	•		•		•		
TRADITIONAL RIB	•	•			•		1"-1½"	•		•		•		
MANSARDS		•			•		varies	n/a				•		
FASCIAS		•			•		varies	n/a				•		
SOFFITS		•			•		varies	n/a				•		

\* Aluminum and steel

## CUSTOMFORM ARCHITECTURAL ROOFING, MANSARD, SOFFIT AND FASCIA PROFILES



## COLORS, SUPPORT & WARRANTY

For information on available colors, product and customer support and our warranty, please visit us online or call our hotline at 800-257-6215

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