238T Symmetrical Panel

Applications
Symmetrical roof/wall panel used on slopes down to 1/4:12. Continuous length up to 200’. Tapered panels and convex curving available - 24ft radius minimum.

Substrates
Bar joist, Open Purlin, Plywood, Metal Deck, Re-Roof over existing Modified, Built-up, Single-ply or Metal.

Material
Standard - 24 GA. ASTM A792 (50 ksi)
Optional - 22 GA. ASTM A792 (50 ksi)
.032 and .040 Aluminum ASTM B209 3003 and 20 oz. Copper ASTM B370

Manufacturing
Roll formed in factory or at jobsite. Curved at jobsite. (24” panels formed on-site only)

Finishes
Acrylic Coated Galvalume®
Fluoropolymer (Kynar 500® PVDF resin-based)

Pan Conditions
Plank & Pencil Rib, Plank, Striated, Minor ribs and Flat
(Oil canning is inherent in all metal panels and is not cause for panel rejection. A signed oil canning acknowledgement will be required for all orders prior to production.)

Testing/Agency Approvals *
Uplift: FM 4471 Class 1-75, Class 1-195
UL 580 Class 90
ASTM E1592
Static Water: FM 4471 Appendix G, ASTM E2140
Air & Water Infiltration: ASTM E1680, ASTM E1646
Impact Resistance: UL Class 4, FM Class 1-SH
Fire Rating: UL Class A
Texas Windstorm: RC-270
Florida Building Code: 16606.1, 16606.2, 16606.3
Miami Dade: NOA#15-1216.03
*Testing and Approvals are product specific. Please inquire for details.*

NOTE:
All data represented on this sheet may not be applicable to all widths and gauges. Please contact McElroy Metal for more information.
238T Symmetrical Panel (Continued)

**EXPLODED ASSEMBLY**

**Stackable Leveling Shim**
- 6" x 6" x ¼" Thick

**Bearing Plate**
- 24 GA. - ASTM A792 (50 ksi)

**Multi-Span Clip**
- 2-Piece
- Standard: 24 GA. - ASTM A792 (50 ksi)
- Optional: 22 GA. - ASTM A792 (50 ksi)
- *Typically sold in 10’ lengths*

**Retrofit Clip**
- 16 GA.
- Standard: Galvanized G90 - ASTM A653 (50 ksi)
- Optional: Stainless 304SS - ASTM A240 (50 ksi)

**Standard Clip**
- 16 GA.
- Standard: Galvanized G90 - ASTM A653 (50 ksi)
- Optional: Stainless 304SS - ASTM A240 (50 ksi)

**MECHANICAL SEAMER**
- HAND SEAMER

**Tall Multi-Span Clip**
- 2-Piece
- Standard: 24 GA. - ASTM A792 (50 ksi)
- Optional: 22 GA. - ASTM A792 (50 ksi)
- *Typically sold in 10’ lengths*

**1 3/8” Pedestal**
- *For use with Multi-Span Clip Only*
- 20% Glass-Filled Polycarbonate Black

**Retrofit Clip**
- 16 GA.
- Standard: Galvanized G90 - ASTM A653 (50 ksi)
- Optional: Stainless 304SS - ASTM A240 (50 ksi)

**MECHANICAL SEAMER**
- HAND SEAMER

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