# Maxima 3" Panel

## Applications
Mechanically Seamed roof/wall panel used on slopes down to 1/4:12. Continuous length up to 80'.

## Substrates
- Plywood, Metal Deck, Rigid Insulation/Metal Deck or Open Framing.

## Material
- **Standard** - 24 GA. ASTM A792 (50 ksi steel) AZ55 - Bare
  - AZ50 - Painted
- **Optional** - 22 GA. ASTM A792 (50 ksi steel) AZ55 - Bare
  - AZ50 - Painted

## Manufacturing
Roll formed in factory.

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

## Pan Conditions
- Striated or Minor Ribs
- 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 *
- **Uplift:** UL 580 Class 90, ASTM E1592
- **Air & Water Infiltration:** ASTM E1680, ASTM E1646
- **Fire Resistance:** UL 263 & UL 790 Class A
- **Impact Testing:** UL 2218 Class 4
- **FM 4471 (1-90) Approval (Maxima 318 only)**
- **Florida State Approval:** 1832.4

*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.
Maxima 3" Panel (Continued)

**Product Data**

**THERMAL SPACER**
- Outside Closure: 24 GA. - ASTM A792 (50 ksi)
- *USE WITH 24" PANELS

**OUTSIDE CLOSURE**
- 24 GA. - ASTM A792 (50 ksi)
- *NOTE: FOR 18" PANELS, FIELD CUT 24" CLOSURE TO FORM 18" CLOSURE. DETAIL CAN BE FOUND ON McELROY’S WEBSITE.

**LOW FIXED CLIP**
- 22 GA. Galv. G90 - ASTM A653 (50 ksi)
- 22 GA. Stainless Steel - ASTM A666 (50 ksi)

**LOW FLOATING CLIP**
- 2-Piece
- Clip: 22 GA. Galvanized G90 - ASTM A653 (50 ksi)
- Clip: 22 GA. Stainless Steel - ASTM A666 (50 ksi)
- Base: 16 GA. Galvanized G90 - ASTM A653 (50 ksi)

**HIGH FIXED CLIP**
- 22 GA. Galv. G90 - ASTM A653 (50 ksi)
- 22 GA. Stainless Steel - ASTM A666 (50 ksi)

**HIGH FLOATING CLIP**
- 2-Piece
- Clip: 22 GA. Galvanized G90 - ASTM A653 (50 ksi)
- Clip: 22 GA. Stainless Steel - ASTM A666 (50 ksi)
- Base: 16 GA. Galvanized G90 - ASTM A653 (50 ksi)

**BACK-UP PLATE**
- 16 GA.
- RED PRIMED - ASTM A1011 (55 ksi)
- GALVANIZED - ASTM A653 (55 ksi)

**BACK-UP CHANNEL**
- 16 GA.
- GALVANIZED - ASTM A653 (55 ksi)
- USE WITH 18" OR 24" PANELS

**CINCH STRAP**
- 16 GA.
- STAINLESS STEEL - ASTM A666 (50 ksi)
- USE WITH 18" OR 24" PANELS

**THERMAL SPACER SIZE CHART**

<table>
<thead>
<tr>
<th>PANEL</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>18&quot;</td>
<td>16</td>
<td>7/8&quot;</td>
<td>2 1/2&quot;</td>
</tr>
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