### Applications
Mechanically Seamed roof/wall panel used on slopes down to 1/2:12. Continuous length up to 80’. Convex curving only - 25ft minimum radius.

### Substrates
Plywood, Metal Deck and 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
- .032 Aluminum (Sunnyvale Plant Only)

### Manufacturing
Roll formed in factory or at jobsite.

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

### Pan Conditions
- Striated, Pencil Rib, or 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 *
- **Uplift**: ASTM E1592, UL 580 Class 90
- **Air & Water Infiltration**: ASTM E1680, ASTM E1646
- **Fire Resistance**: UL 263 & UL 790 Class A
- **Impact Testing**: UL 2218 Class 4
- **Florida Product Approval**: FL 1747.4

*Testing and Approvals are product specific. Please inquire for details.*

### Product Data

<table>
<thead>
<tr>
<th>Pan Profile</th>
<th>Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STRIATED PROFILE</strong> <em>(Standard)</em></td>
<td><img src="image1.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>BEAD (PENCIL RIB) PROFILE</strong> <em>(Option)</em></td>
<td><img src="image2.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>FLAT PAN PROFILE</strong> <em>(Option)</em></td>
<td><img src="image3.png" alt="Diagram" /></td>
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</tbody>
</table>

**NOTE:**
Factory applied seam sealant can only be ordered on panels that will NOT be curved. If curving these panels, the installer must field apply 3/32” x 3/8” Roll Tape Butyl Sealant.

**NOTE:**
All data represented on this sheet may not be applicable to all widths and gauges. Please contact McElroy Metal for more information.
Product Data

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

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

**HIGH 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 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)

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

**OUTSIDE CLOSURE**
24 GA. - ASTM A792 (50 ksi)
USE WITH 16" AND 18" WIDE PANELS

**BACK-UP CHANNEL**
16 GA.
GALVANIZED - ASTM A653 (55 ksi)
USE WITH 12", 16" OR 18" PANELS

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

**THERMAL SPACER**

<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>12&quot;</td>
<td>14</td>
<td>7/8&quot;</td>
<td>3/8&quot;</td>
</tr>
<tr>
<td>16&quot;</td>
<td>14</td>
<td>7/8&quot;</td>
<td>3/8&quot;</td>
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<tr>
<td>18&quot;</td>
<td>16</td>
<td>7/8&quot;</td>
<td>2 1/2&quot;</td>
</tr>
</tbody>
</table>

*NOTE: FOR 12" PANELS, FIELD CUT 14 7/8" SPACERS DOWN TO 10 7/8" LONG.

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

**MAXIMA ARCHITECTURAL ZEE CLOSURE**
26 GA. - ASTM A792 (50 ksi)
FIELD CUT TO FORM OUTSIDE CLOSURES FOR 12", 16" AND 18" WIDE PANELS