Finishes: SMP Painted, PVDF and Acrylic-Coated Galvalume®
Corrosion Protection: AZ55 per ASTM A 792 for unpainted Galvalume®
            AZ50 per ASTM A 792 for painted Galvalume®
            G90 per ASTM A 653 for Galvanized
Gauges: 26 ga standard; 24 ga optional
Panel Length: Minimum: 3-5' (by plant); Maximum: 35’ recommended, some plants up to 48-48’
Architectural, concealed direct fastened, integral standing rib roof system
Minimum roof slope: 3:12
Applies over plywood with minimum 30# felt underlayment

**PANEL OVERVIEW**

- UL 2218 Impact Resistance - Class 4
- UL 790 Fire Resistance Rating - Class A, per building code
- UL 263 Fire Resistance Rating - per assembly
- UL 580 Uplift Resistance - Class 90 - See Report for Requirements
- Texas Windstorm - See Report for Requirements
- 2017 FBC Approvals - See Report for Requirements
- Miami-Dade County, Florida NOA - See Report for Requirements
- ICC Evaluation Report - See Report for Requirements
Overdriven fasteners will cause panel distortions.

Fasteners should extend 1/2" or more past the inside face of the support material.

Panel Fastener:
- Pancake Head Wood Screw

Concealed End Fastener:
- Pancake Head Wood Screw

Exposed End Fastener:
- Wood Screw

Trim Fastener:
- Stitch Screw
  or
- Pop Rivet

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**FASTENER INFORMATION**

**ATTACHMENT DETAIL**

Image II Panel

Panel Fastener

**FASTENING PATTERN**

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**SECTION PROPERTIES**

<table>
<thead>
<tr>
<th>Ga</th>
<th>Width in</th>
<th>Yield ksi</th>
<th>Weight psf</th>
<th>Top In Compression</th>
<th>Bottom In Compression</th>
<th>Outward Load 0.5'</th>
<th>1'</th>
<th>1.5'</th>
<th>2'</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>16</td>
<td>50</td>
<td>0.92</td>
<td>0.0165</td>
<td>0.0174</td>
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<td>0.0210</td>
<td>0.0226</td>
<td>103</td>
<td>96</td>
<td>90</td>
<td>84</td>
</tr>
</tbody>
</table>

1. Theoretical section properties have been calculated per AISI 2012 ‘North American Specification for the Design of Cold-Formed Steel Structural Members’.
2. Allowable load is calculated in accordance with AISI 2012 specifications considering bending, shear, combined bending and shear, deflection and UL 580 uplift test using #10-12 Pancake Wood Screws into 5/8” plywood. Allowable load considers the 3 or more equal spans condition. Allowable load does not address web crippling, or support material. Panel weight is not considered.
3. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.
4. Allowable loads do not include a 1/3 stress increase for wind.