**SOLID WOOD**

**ARCHITECTURAL RESIDENTIAL PANEL**

**EXPOSED FASTENED**

**39.4” (1 METER) COVERAGE**

**MINIMUM SLOPE 3:12**

**SOLID WOOD SUBSTRATE**

**PANEL OVERVIEW**

- Finishes: PVDF
- Corrosion Protection: G90 galvanized per ASTM A 653
- Gauges: 26 ga
- 39.4” (1 meter) panel coverage, 1\(\frac{3}{16}\)” rib height
- Panel Length: Minimum: 3’; Maximum: 20’; in 1’ increments
- Architectural, simulated clay tile roof system
- Minimum roof slope: 3:12
- Applies over plywood with minimum 30# felt underlayment

**TESTING AND APPROVALS**

- 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
- Texas Windstorm - See Report for Requirements
- 2017 FBC Approvals - See Report for Requirements
- Miami-Dade County, Florida NOA - See Report for Requirements
FASTENER INFORMATION

Overdriven fasteners will cause panel distortions.

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

Panel Fastener:
1/4"-14 XL Wood Screw

Trim Fastener:
1/4"-14 x 7/8" XL Stitch Screw
or
1/8" x 3/16" Pop Rivet

SECTION PROPERTIES

<table>
<thead>
<tr>
<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</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ixx in^2/ft</td>
<td>Sxx in^2/ft</td>
<td>Ixx in^2/ft</td>
</tr>
<tr>
<td>26</td>
<td>39.4</td>
<td>40</td>
<td>0.0426</td>
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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 and deflection. Allowable load considers the 3 or more equal spans condition. Allowable load does not address web crippling, fasteners, support material or load testing.

Panel weight

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