**PANEL OVERVIEW**

- **Finishes:** SMP, 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 and 24 ga standard; 22 ga optional
- **36” panel coverage, 1 1/4” rib height**
- **Panel Length:** Minimum: 5’; Maximum: 45’ recommended
- **Exposed fastened metal building wall system**
- **Trapezoidal rib on 12” centers**

**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 Certified
- Florida Building Code Approved - See Reports for Requirements
- Miami-Dade County, Florida NOA Approved - See Reports for Requirements
- ICC Evaluation Report - ESR-2385
ATTACHMENT DETAIL

FASTENING PATTERNS

FASTENER INFORMATION

Overdriven fasteners will cause panel distortions.

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

Thick panels (ex. 18 ga) or supports (ex. 1/2" steel) may require predrilling of holes for screws.

Panel Fastener:
Attaching to Wood:
#10-14 XL Wood Screw

Attaching to Steel:
#12-14 XL Self Drilling Screw

Side Lap Fastener:
1/4"-14 x 7/8" XL Stitch Screw

Trim Fastener:
1/4"-14 x 7/8" XL Stitch Screw

SECTION PROPERTIES

ALLOWABLE UNIFORM LIVE LOADS, psf
For various fastener spacings

1. Theoretical section properties have been calculated per AISI 2012 'North American Specification for the Design of Cold-Formed Steel Structural Members'. Ixx and Sxx are effective section properties for deflection and bending.
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 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.