

Product Report**Manufacturer: Extreme Metal Fabricators, LLC.****2160 SW Poma Drive****Palm City, FL 34990****(772)872-8034****Florida Product Approval # 20378.7 JM 1.5" Standing Seam 24GA Steel****NON-HVHZ****Compliant with Florida Building Code 2017 (6th ed.)****Compliant with Florida Product Approval Rule # 61G20-3****Compliant: Keystone Certifications****Product: JM 1.5" Standing Seam Roof Panel 24GA Steel, FBC Sec. 1507.4.2****Yield strength: 40 ksi: Attached to 15/32" plywood or Wood Deck with panel clips, screws, and adhesive.****16" (Max.) Coverage 1-1/2" Rib Height****Corrosion Resistant Compliant: FBC Sec. 1507.4.3****Fastener for Method 1 Attachment: #10 x 1" Pancake-Head Wood Screw to penetrate 3/16" thru 15/32" min. plywood deck****Roof Panel Clip: One piece, fixed clip, 24GA galvanized steel Yield Strength: 40ksi min.; 1.5"W X 2.0"L X 1.625"H; Corrosion Resistant: PER FBC 1506.7****Seam Adhesive: Bostick Chem-Chalk 915 (one component, polyurethane)****Application: 1/4" bead along male flange the full length of the panel****Underlayment: To be compliant with FBC Sec. 1507.1.1****Slope: Shall be in compliance with FBC Sec. 1507.**

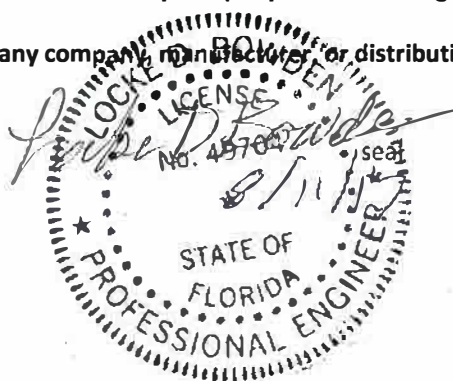
Install Details: Table A Allowable Loads	METHOD 1 (panel to deck)	METHOD 2 (panel overlaps)
DESIGN PRESSURE*	-95.0 PSF	-159.25 PSF
CLIP SPACING (MAX.)	16"	12"
PANEL SEAM	90 Degrees	90 Degrees
Adhesive Placement	Not Required	1/4" Bead along male flange
FASTENER SIZE: (2 per clip)	#10	#10

Reference Data: HURRICANE TEST LABORATORY, LLC TST ID: 1527 - UL 580-06 & UL 1897-04¹ *Equivalency: UL 1897-04¹ is equivalent to UL 1897-12 test standard*
TAS 125-03 Test# 0223-0301-00(Method 1) & Test # 0223-1009-06(Method 2) **Design pressure - margin of safety 2:1*

Certificate of Independence:

Locke Bowden, P.E. does not have, nor will acquire a financial interest in any company manufacturing or distributing products under this evaluation.

Locke Bowden, P.E. is not owned, operated, or controlled by any company manufacturing or distributing products under this report.



FL20378.7 1.5 Standing Seam (24GA Steel), 16" Wide Roof Panel - Details

Limitations:

1. Underlayment to be compliance with current Florida Building Code (FBC)2017 6th ed..
2. Minimum slope to be compliant with Florida Building Code 2017 6th ed., and per with Manufacturer's installation reference.
3. Products are compliant for State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
4. Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
5. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
6. Support framing in compliance w/FBC 2017 6th ed., Chapter 22 for Steel, Chapter 23 for Wood and Chapter 16 for Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.

