

**EVALUATION REPORT OF
IMETCO'S
'BATTEN-TITE™ PANEL SYSTEM'**

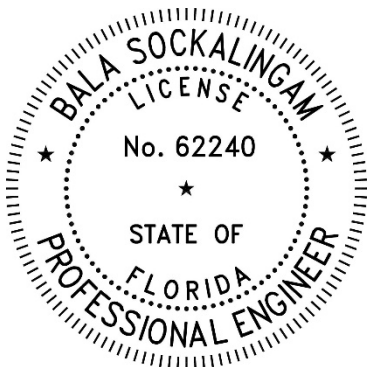
**FLORIDA BUILDING CODE 8TH EDITION (2023)
FLORIDA PRODUCT APPROVAL
FL 15195.1-R4
ROOFING
METAL ROOFING**

**Prepared For:
IMETCO
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**This report consists of
Evaluation Report (3 Pages including cover)
Installation Details (1 Page)**

**Report No. C2690-1
Date: 7.24.2023**



This item has been digitally signed and sealed by Bala Sockalingam, PE, on the date indicated.

Printed copies of this document are not considered signed and sealed and this signature must be verified on any electronic copies.

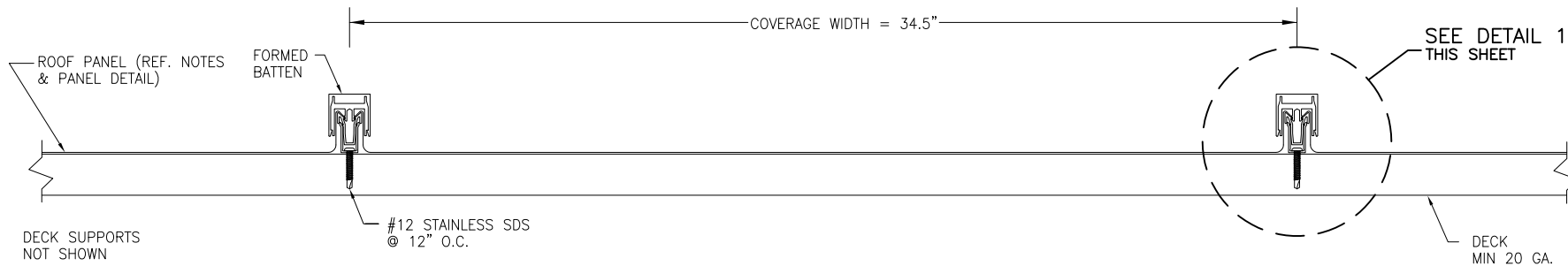
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Manufacturer:	IMETCO
Product Name:	Batten-Tite™ Panel System
Panel Description:	Pan and batten system with max. 34.5" wide coverage and 2" tall seams
Materials:	Nom. 0.04" or 0.05" thick aluminum for pan profile and 0.05" thick aluminum for batten. 3000 Series Alloy (ASTM B209) as per FBC 2023 Section 1507.4.3.
Deck Description:	Min. 20 ga., Grade 33 B-deck. The deck and its attachment to supports must be designed by others to carry the panel loads. Designed as per FBC 2023.
Slope:	3:12 or greater in accordance with FBC 2023 Section 1507.4.2
Design Uplift Pressure:	52.5 psf
Panel Attachment:	Extruded continuous aluminum base channels (0.06" thick) are spaced on the deck at 34.5" o.c. Base channels are fastened to deck with #12 stainless steel screws spaced at 12" o.c. along the channel. Fastener shall be of sufficient length to penetrate through the deck a minimum of 1/2". Fasteners are corrosion resistant as per FBC 2023 Section 1507.4.4. Extruded continuous aluminum internal gutters (0.06" thick) are snapped into each base channel. Aluminum panels (0.04" or 0.05" thick, 34" wide) are placed between channel-gutter assemblies. Extruded aluminum batten clips (0.08" thick, 4" long) are snapped into internal gutter and over the panel corrugation. Batten clips are spaced at 12" o.c. Formed aluminum battens (0.05" thick, 1.5" tall and 1.5" wide) are snapped onto the batten clips.
Test Standards:	Roof assembly tested in accordance with UL580-94 'Uplift Resistance of Roof Assemblies'.
Test Equivalency:	The test procedures in UL 580-94 comply with test procedures prescribed in UL580-06.
Code Compliance:	The product described herein has demonstrated compliance with FBC 2023 Section 1507.4.
Product Limitations:	Design wind loads shall be determined for each project in accordance with FBC 2023 Section 1609 or ASCE 7-22 using allowable stress design. The maximum fastener spacing listed herein shall not be

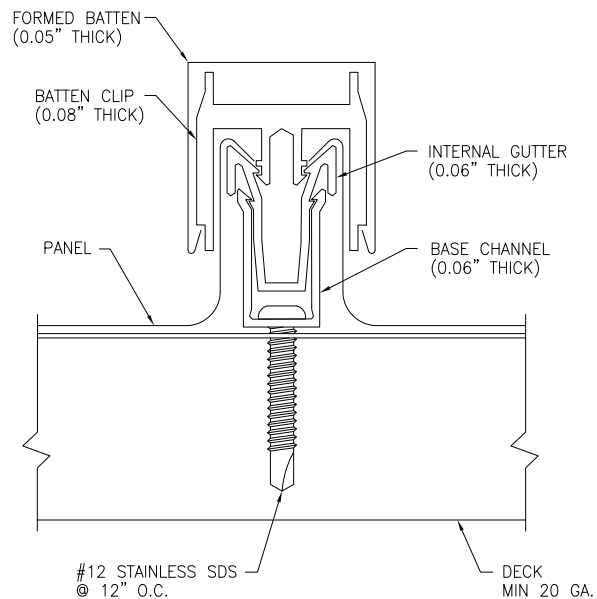
exceeded. The design uplift pressure for reduced fastener spacing may be computed using rational analysis prepared by a Florida Professional Engineer. This evaluation report is not applicable in High Velocity Hurricane Zone. Fire classification is not within the scope of this Evaluation Report. Refer to FBC 2023 Section 1505 and current approved roofing materials directory or ASTM E108/UL790 report from an accredited laboratory for fire ratings of this product.

Supporting Documents: UL580 Test Report
Intertek Testing Services (Formerly Architectural Testing Inc.)
ATI-15272-1, Reporting Date 2/24/1995

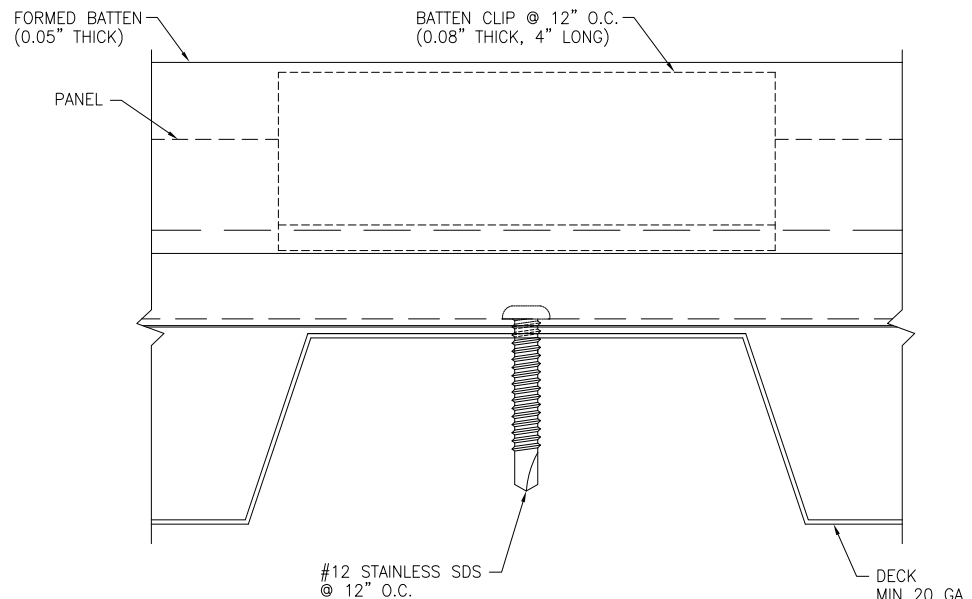
(IMETCO is authorized to use Merchant & Evans, Inc.'s Test Report)



TYPICAL PANEL INSTALLATION X-SECTION

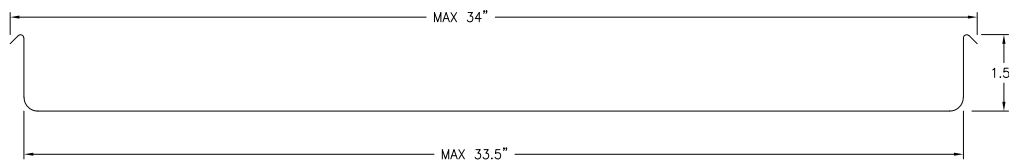


BATTEN CLIP SECTION VIEW



BATTEN CLIP SIDE VIEW

DETAIL 1



PANEL SECTION
(0.04" or 0.05" ALUMINUM)

GENERAL NOTES:

1. ARCHITECTURAL STANDING SEAM ROOF PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
2. ROOF PANELS SHALL BE MIN. 0.04" THICK ALUMINUM. COVERAGE WIDTH = 34.5"
3. THE ROOF PANELS SHALL BE INSTALLED OVER STRUCTURE AS SPECIFIED ON THIS DRAWING.
4. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
5. FASTENERS MUST BE IN ACCORDANCE WITH THIS DRAWING & FLORIDA BUILDING CODE. IF A DIFFERENCE OCCURS BETWEEN THE MINIMUM REQUIREMENTS OF THIS DRAWING & THE CODE, THE CODE SHALL CONTROL.
6. PURLINS/JOISTS/TRUSSES MUST BE DESIGNED TO WITHSTAND WIND LOADS AS REQUIRED FOR EACH APPLICATION AND ARE THE RESPONSIBILITY OF OTHERS.

DRAWN BY: B.S.	CHECKED BY: T.D.
PLOT:	DATE: 11/28/2022
NO.	DATE
BY	
REVISION DESCRIPTION	
NO.	
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