

**EVALUATION REPORT OF
CENTRAL STATES MANUFACTURING, INC.
'CENTRAL SEAM PLUS PANEL'**

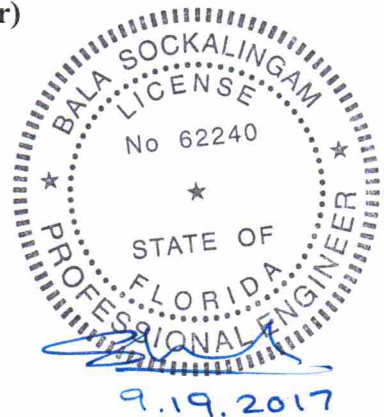
**FLORIDA BUILDING CODE 6TH EDITION (2017)
FLORIDA PRODUCT APPROVAL
FL 14016.1-R3
STRUCTURAL COMPONENTS
ROOF DECK**

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

**Report No. C2184-1
Date: 9.19.2017**



Manufacturer:	Central States Manufacturing, Inc.
Product Name:	Central Seam Plus Panel
Panel Description:	Standing seam panel with 12", 18" or 24" wide coverage and 3" high ribs
Materials:	24 or 22 ga., 50 ksi steel. Galvanized coated steel (ASTM A653) or Galvalume coated steel (ASTM A792) or painted steel (ASTM A755)
Support Description:	Min. 16 ga., 50 ksi steel section (Must be designed by others)
Slope:	1/4:12 or greater in accordance with FBC 2017 Section 1507.4.2.
Design Uplift Pressure: Without Wind Clamps	For max. 24" wide, min 24 ga. panel (Includes a factor of safety of 2) 38.0 psf @ clip spacing of 60" o.c. 98.5 psf @ clip spacing of 12" o.c.
With Wind Clamps	56.8 psf @ clip spacing of 60" o.c. 176.5 psf @ clip spacing of 12" o.c.
Panel Attachment:	CSP2122 or CSP2124 sliding clip with (2) 1/4"-14 HWH self-drilling screws per clip.
Panel Rib Wind Clamp:	S-5! DL Wind Clamp at every panel clip (optional)
Test Standards:	Roof assembly tested in accordance with ASTM E1592-01 'Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference' and FM 4471 Section 5.4 'Resistance to Foot Traffic'.
Test Equivalency:	The test procedures in ASTM E1592-01 comply with test procedures prescribed in ASTM E1592-05(2012).
Code Compliance:	The product described herein has demonstrated compliance with FBC 2017 Section 1507.4.
Product Limitations:	Design wind loads shall be determined for each project in accordance with FBC 2017 Section 1609 or ASCE 7-10 using allowable stress design. The maximum support spacing listed herein shall not be exceeded. The design pressure for reduced clip 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 scope of this Evaluation Report. Refer to FBC 2017 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: ASTM E1592 Test Reports
Force Engineering and Testing Inc.
Report No. 07-0129T-06 A-D, Reporting Date 07/12/2006
Report No. 07-0248T-08 E & F, Reporting Date 07/30/2008

FM 4471 Test Report
FM Approvals
Project ID 3005245, Reporting Date 7/24/00

(Central States Manufacturing is authorized to use MBCI's Test Reports)

