

EAST COAST METALS FLORIDA PRODUCT APPROVAL TEST REPORT

SCOPE OF WORK

TAS 100(A)-23 TESTING ON SHINGLE OFF-RIDGE VENT

REPORT NUMBER

S3216.01-450-18 (R0)

TEST DATE(S)

03/17/25

ISSUE DATE

05/07/25

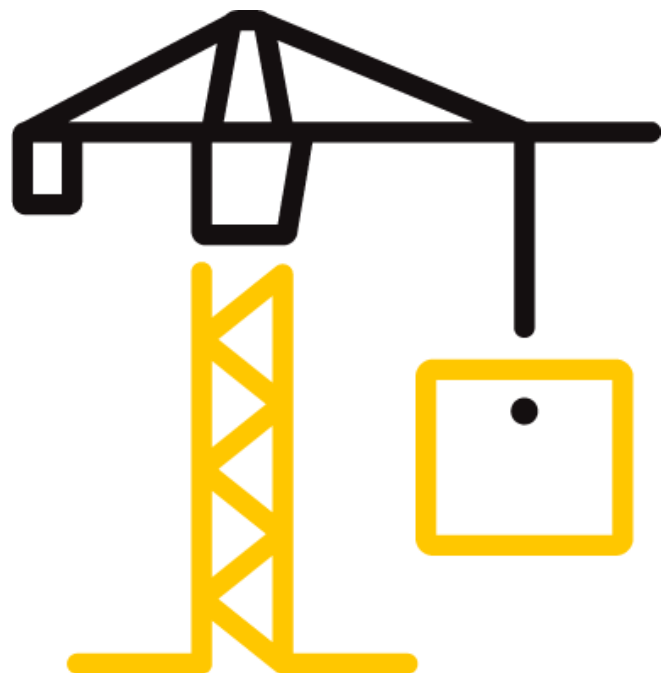
PAGES

14

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REPORT ISSUED TO

EAST COAST METALS

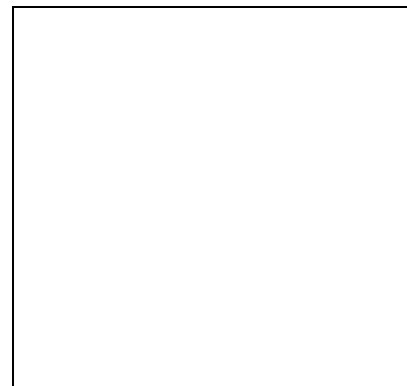
7905 W. 20th Ave

Hialeah, FL 33014

SECTION 1

SCOPE

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by East Coast Metals. to perform TAS 100(A) testing in accordance with Miami-Dade County requirements on Shingle Off-Ridge Vent Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at the Intertek B&C test facility in West Palm Beach, FL.



For INTERTEK B&C:

COMPLETED BY:	Seth Allen
TITLE:	Project Lead
SIGNATURE:	
DATE:	05/07/25

SA:te

REVIEWED BY:	Tanya Dolby, P.E.
TITLE:	Engineering Manager - Engineering Services
SIGNATURE:	
DATE:	05/07/25

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TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

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SECTION 2**TEST METHOD(S)**

The specimen was evaluated in accordance with the following:

TAS 100 (A)-23, *Test Procedure for Wind and Wind Driven Rain Resistance and/or Increased Windspeed Resistance of Soffit Ventilation Strip and Continuous or Intermittent Ventilation System Installed at the Ridge Area.*

SECTION 3**MATERIAL SOURCE**

Test specimen was provided by the client. Representative samples of the test specimen will be retained by Intertek B&C for a minimum of ten years from the test completion date. Installation of the tested product was performed by representatives of the client.

SECTION 4**EQUIPMENT/CALIBRATION**

Wind Generator: "WOLF" engine driven propeller

SECTION 5**LIST OF OFFICIAL OBSERVERS**

NAME	COMPANY
Andrew Castellanos	East Coast Metal
Seth Allen	Intertek B&C
Cesar Prieto	Intertek B&C

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

Date: 05/07/25

SECTION 6**TEST SPECIMEN DESCRIPTION****Manufacturer:** East Coast Metals**Product Type:** Ridge Vent**Series/Model:** Shingle Off-Ridge Vent

Roof Deck Description: An 8' 0" wide by 6' 0" long roof deck on a 2:12 slope was utilized. The roof deck consisted of #2 Spruce-Pine-Fir nominal 2x6 intermediate supports sheathed with APA 32/16 span rated 15/32" plywood sheathing. The intermediate supports were spaced 24" on center. The plywood was secured to the rafters with 8d common nails spaced 6" on center around the perimeter and 12" on center at the intermediate supports.

Roof Covering and Vent Description Self-adhered peel and stick roof underlayment was applied in single rows with 4" overlaps between rows. The vent was installed 20" below the ridge and 24" from the sides. The vents were constructed from minimum 26-gauge galvalume steel and secured with 1.25" galvanized roofing nails through the flange nail holes. Tar was applied at the vent flanges sealing the vent to the underlayment. The underlayment was used underneath and on top of the vent flanges. Standard 3-tab asphalt shingles were installed per requirement of manufacture using 0.12" x 1-1/4 galvanized annular ring shank roofing nails.

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

Date: 05/07/25

SECTION 7

TEST RESULTS

Protocol TAS 100(A)-23, Test Procedure for Wind and Wind Driven Rain Resistance and/or Increased Windspeed Resistance of Soffit Ventilation Strip and Continuous or Intermittent Ventilation System Installed at the Ridge Area.

Test Date(s): 03/17/25

The temperature during testing was 23.3°C (74°F). The results are tabulated as follows:

Test Procedure: The wind speed intervals were conducted as follows:

Interval No.	Wind Speed (mph)	Time (min)	Water Spray
1	35	15	On
2	0	5	Off
3	70	15	On
4	0	5	Off
5	90	15	On
6	0	5	Off
7	110	5	On
8	0	5	Off

Test Results: The TAS 100(A) test results are as follows:

Wind Speed	Results
35 mph	0.0 oz.
70 mph	1.6 oz.
90 mph	1.6 oz.
110 mph	0.0 oz.

Result(s): Pass

Note 1: Tested at a 2:12 roof pitch.

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

Date: 05/07/25

SECTION 8

CONCLUSION

The specimen(s) tested met the performance requirements set forth in the protocols.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. Intertek B&C will service this report for the entire test record retention period. The test record retention period ends four years after the test date. Test records, such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation, will be retained for the entire test record retention period.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule also called "Shared Risk approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

Date: 05/07/25

SECTION 9

PHOTOGRAPHS



Photo No. 1
Top Side Before Testing

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

Date: 05/07/25



Photo No. 2
35 MPH Top Side

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

Date: 05/07/25



Photo No. 3
70 MPH Top Side

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

Date: 05/07/25



Photo No. 4
90 MPH Top side

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

Date: 05/07/25



Photo No. 5
110 MPH Top Side

TEST REPORT FOR EAST COAST METALS

Report No.: S3216.01-450-18 (R0)

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Photo No. 6
Post Test Top Side

TEST REPORT FOR EAST COAST METALS

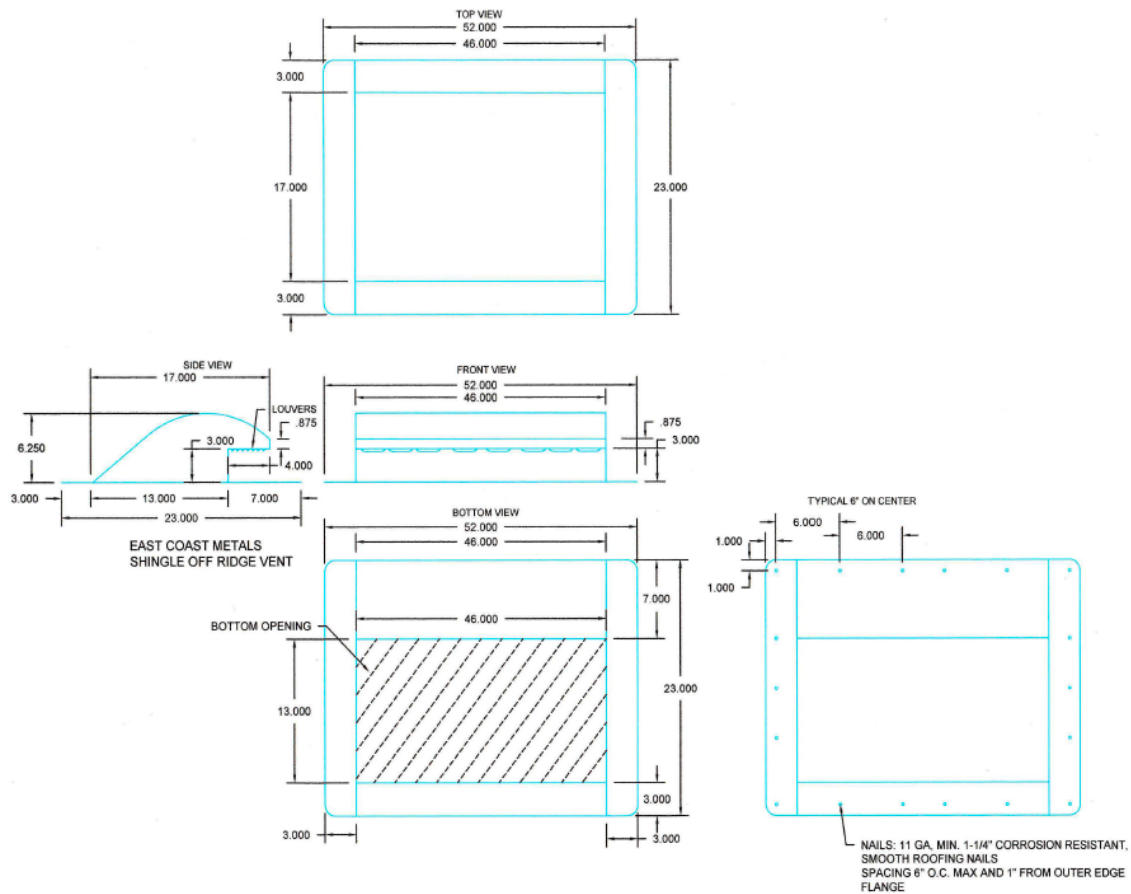
Report No.: S3216.01-450-18 (R0)

Date: 05/07/25

SECTION 10

DRAWINGS

The test specimen drawings have been reviewed by Intertek B&C and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Intertek B&C per the drawings included in this report. Any deviations are documented herein or on the drawings.



Drawing # 1
Shingle Off-ridge Vent



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SECTION 11

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	05/07/25	N/A	Original Report Issue