

MARCO INDUSTRIES INC.

MIAMI-DADE TEST REPORT

SCOPE OF WORK

TAS 100(A)-23 TESTING ON PYTHON TILE DRYER VENT

REPORT NUMBER

T0289.01-801-18 (R0)

TEST DATE

12/11/25

ISSUE DATE

01/05/26

MIAMI-DADE COUNTY NOTIFICATION NO.

ATITX9052502

LABORATORY CERTIFICATION NO.

22-0248-10

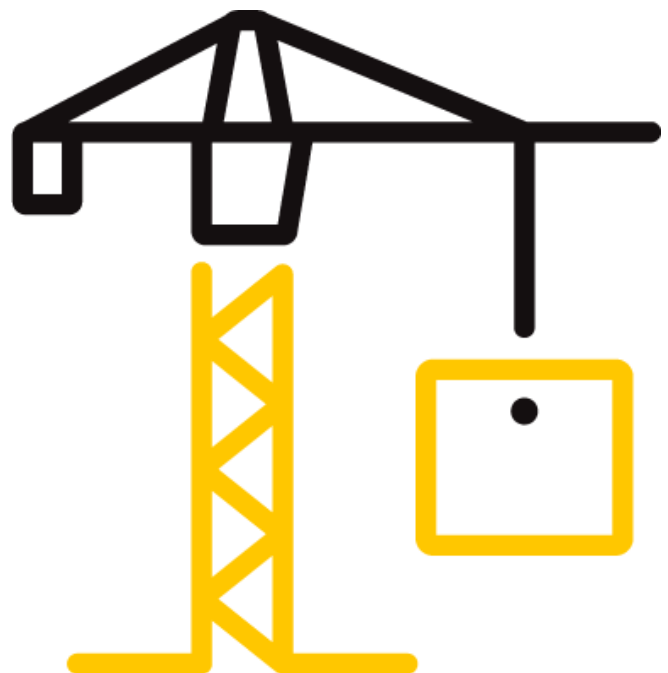
PAGES

12

DOCUMENT CONTROL NUMBER

RT-R-AMER-Test-7808 (06/05/24)

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TEST REPORT FOR MARCO INDUSTRIES INC.

Report No.: T0289.01-801-18 (R0)

Date: 01/05/26

REPORT ISSUED TO

MARCO INDUSTRIES INC.

4150 S. 100th E. Ave. STE 301

Tulsa, OK 74145

SECTION 1

SCOPE

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Marco Industries Inc. to perform TAS 100(A) testing in accordance with Miami-Dade County requirements on Python Tile Dryer 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 Plano, TX.

For INTERTEK B&C:

COMPLETED BY:	Jacob MacMaster
TITLE:	Project Manager
SIGNATURE:	
DATE:	01/05/26

JM:jc/ hk

REVIEWED BY:	Tyler Westerling, P.E.
TITLE:	Operations Manager
SIGNATURE:	
DATE:	01/05/26

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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 sample materials were provided by the client from Marco Industries Inc. located at 4150 S. 100th E. Ave. STE 301, Tulsa, OK 74145. Representative samples of the test specimen will be retained by Intertek B&C for a minimum of ten years from the test completion date.

SECTION 4

EQUIPMENT/CALIBRATION

Wind Generator - Vane Axial Fan 62990

Scale – 005732

Stopwatch – INT03731

Weather Station – INT04151

Windstream, water supply, and water distribution calibration were performed prior to testing. Reference Intertek B&C Calibration Report No. S7370.02-801-18, dated 07/16/25, for descriptions and results.

SECTION 5

LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Jimmy Davis	Marco Industries Inc.
Marlene Gomez	Marco Industries Inc.
Jacob MacMaster	Intertek B&C
Alexei Buruian	Intertek B&C

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SECTION 6**TEST SPECIMEN DESCRIPTION****Manufacturer:** Marco Industries Inc.**Product Type:** Static Vent**Series/Model:** Python Tile Dryer 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.

Underlayment, and Prepared Roof Covering Description: The underlayment consisted of a single layer of an ASTM D226, Type II with a 4-inch (102 mm) headlap. All endlaps were 4 inches (102 mm). The underlayment was attached to the deck in a grid pattern of 12 inches (305 mm) between the overlaps, with 6-inch (152 mm) spacing at the overlaps. All fasteners securing the underlayment were 1.25" x 0.120" roofing nails.

Ridge Vent / Static Vent / Turbine / Power Vent Description: The test sample was installed by the client or representative thereof.

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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): 12/11/25

The temperature during testing was 18°C (65°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 oz.
70 mph	0 oz.
90 mph	0 oz.
110 mph	0 oz.

Result(s): Pass

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

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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.

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SECTION 9

PHOTOGRAPHS



Photo No. 1
Top Side Before Testing



Photo No. 2
Underside Before Testing

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Photo No. 3
35 MPH Top Side



Photo No. 4
35 MPH Underside

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Photo No. 5
70 MPH Top Side



Photo No. 6
70 MPH Underside

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Photo No. 7
90 MPH Top side

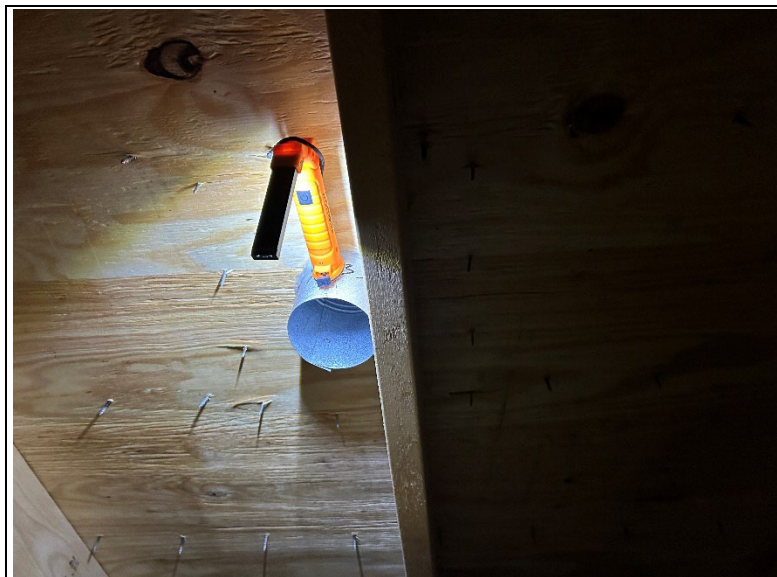


Photo No. 8
90 MPH Underside

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Photo No. 9
110 MPH Top Side



Photo No. 10
110 MPH Underside



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SECTION 10

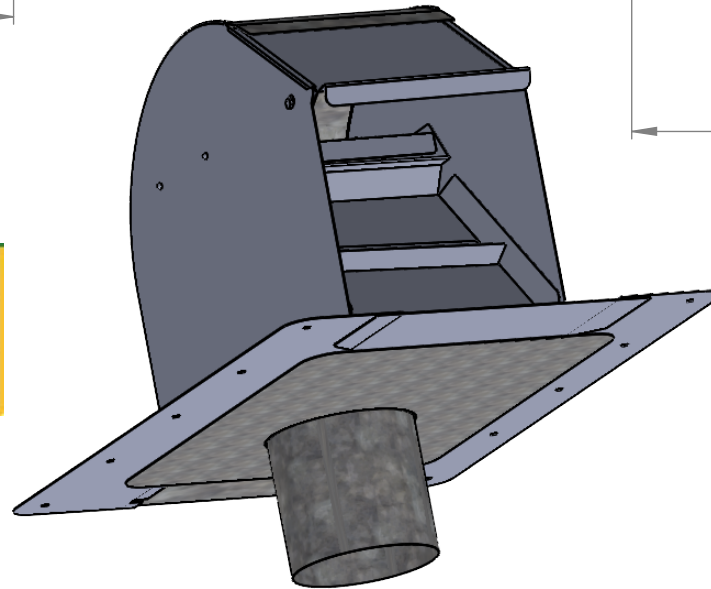
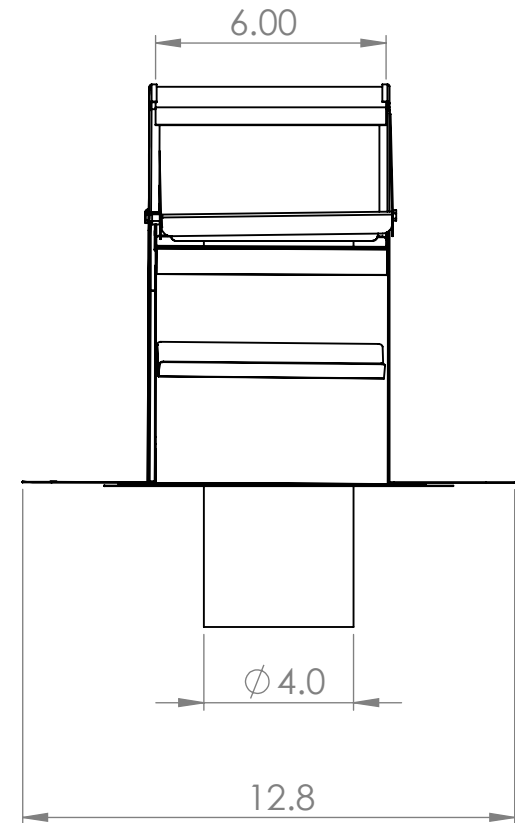
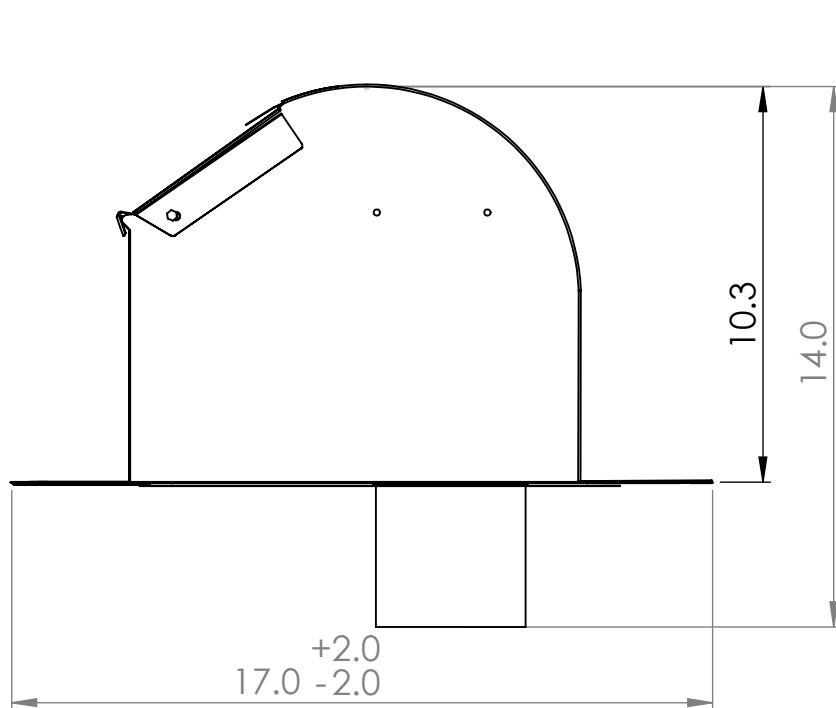
DRAWINGS

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.

SECTION 11

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	01/05/26	N/A	Original Report Issue



	Report #:	T0289.01-801-18
	Date:	12/11/25
	Verified by:	J. Crump



DESCRIPTION		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM) TOLERANCES: .X ±0.2 .XX ±.06 .XXX ±.01 ANGULAR: BEND ± 2°		BOX QUANTITY		ASTM Standards:		Materials: 26GA Galvanized Steel	
Python Tile Dryer Vent								DRAWING NUMBER	
Confidentiality Agreement									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPERTY OF MARCO INDUSTRIES THIS DRAWING MAY NEITHER BE USED, COPIED, REPRODUCED OR DISTRIBUTED TO THIRD PARTIES WITHOUT WRITTEN CONSENT		SCALE:		UNITS: INCHES		NAME: DATE: JD 12-18-25		TDVHPGV	
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						APPROVED BY:			