

TOP RACK TECHNOLOGY, INC TEST REPORT

SCOPE OF WORK

TAS 100(A)-23 TESTING ON TRT-02 SHINGLE ROOF MOUNT RAIL SYSTEM

REPORT NUMBER

S5019.01-450-18 (RO)

TEST DATE(S)

04/29/25

ISSUE DATE

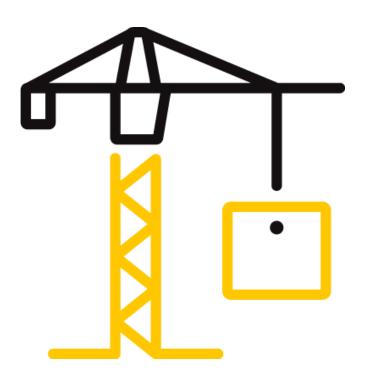
06/20/25

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TEST REPORT FOR TOP RACK TECHNOLOGY, INC

Report No.: S5019.01-450-18 (R0)

Date: 06/20/25

REPORT ISSUED TO

TOP RACK TECHNOLOGY, INC 355 New Albany Road Suite B Moorestown, NJ 08057

SECTION 1

SCOPE

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Top Rack Technology, INC. to perform TAS 100(A) testing in accordance with Miami-Dade County requirements on TRT-02 Shingle Roof Mount Rail System 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.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. Intertek B&C will Intertek B&C will service this report for the entire test record retention period. The test record retention period ends ten 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.

For INTERTEK B&C:

COMPLETED BY:

Seth Allen

Project Lead

SIGNATURE:

DATE:

D6/20/25

Tanya Dolby, P.E.

Engineering Manager Engineering Services

Date:

SIGNATURE:

Digitally Signed by: Tanya Dolby

06/20/25

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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	
Limin Huang	Top Rack Technology, INC	
Justin Ellington	Top Rack Technology, INC	
Seth Allen	Intertek B&C	
Cesar Prieto	Intertek B&C	

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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): 04/29/25

The temperature during testing was 32.2°C (90°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	No water Infiltration	
70 mph	No water Infiltration	
90 mph	No water Infiltration	
110 mph	No water Infiltration	

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.

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