intertek
Total Quality. Assured.

TOP RACK TECHNOLOGY, INC
TEST REPORT

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

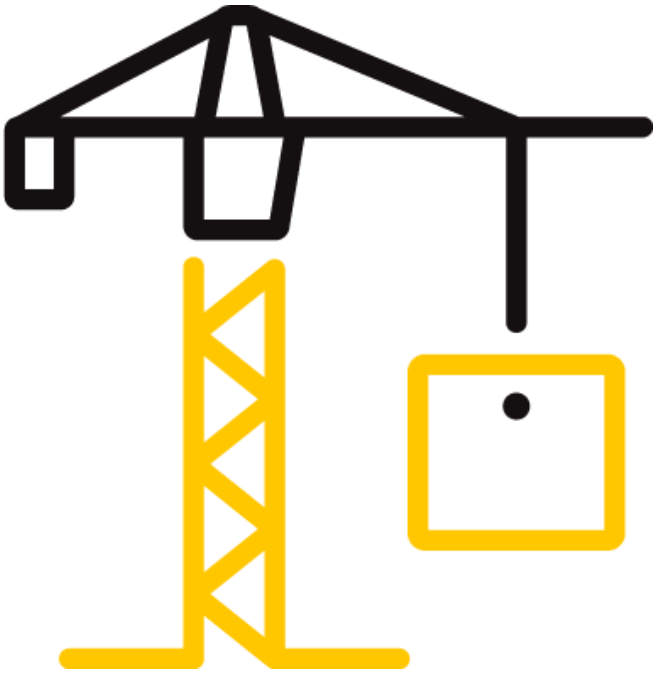
REPORT NUMBER
S5019.01-450-18 (R0)

TEST DATE(S)
04/29/25

ISSUE DATE
06/20/25

PAGES
12

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



2658 Electronics Way
West Palm Beach, Florida 33407

Telephone: 561-881-0020
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR TOP RACK TECHNOLOGY, INC

Report No.: S5019.01-450-18 (R0)
Date: 06/20/25

REPORT ISSUED TO

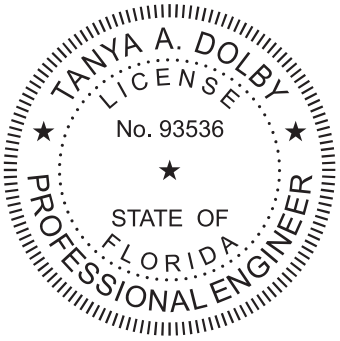
TOP RACK TECHNOLOGY, INC
355 New Albany Road
Suite B
Moorestown, NJ 08057

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	**REVIEWED BY:**	Tanya Dolby, P.E.
TITLE:	Project Lead	**TITLE:**	Engineering Manager - Engineering Services
SIGNATURE:	Seth Allen Digitally Signed by: Seth Allen	**SIGNATURE:**	Tanya Dolby Digitally Signed by: Tanya Dolby Date: 2025.06.23 10:24:05 -04'00'
DATE:	06/20/25	**DATE:**	06/20/25

SA:sar

intertek
Total Quality. Assured.

2658 Electronics Way
West Palm Beach, Florida 33407

Telephone: 561-881-0020
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR TOP RACK TECHNOLOGY, INC
Report No.: S5019.01-450-18 (R0)
Date: 06/20/25

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

intertek
Total Quality. Assured.

2658 Electronics Way
West Palm Beach, Florida 33407

Telephone: 561-881-0020
Facsimile: 717-764-4129
www.intertek.com/building

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.*

2658 Electronics Way
West Palm Beach, Florida 33407

Telephone: 561-881-0020
Facsimile: 717-764-4129
www.intertek.com/building

SECTION 8
CONCLUSION

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