

# STORM DAMAGE SOLUTIONS, LLC. TEST REPORT

**SCOPE OF WORK**

TAS 100(A)-95 TESTING ON SELF-ADHERING SMART TARP

**REPORT NUMBER**

N8631.01-450-18 R0

**TEST DATE(S)**

06/20/22

**ISSUE DATE**

07/20/22

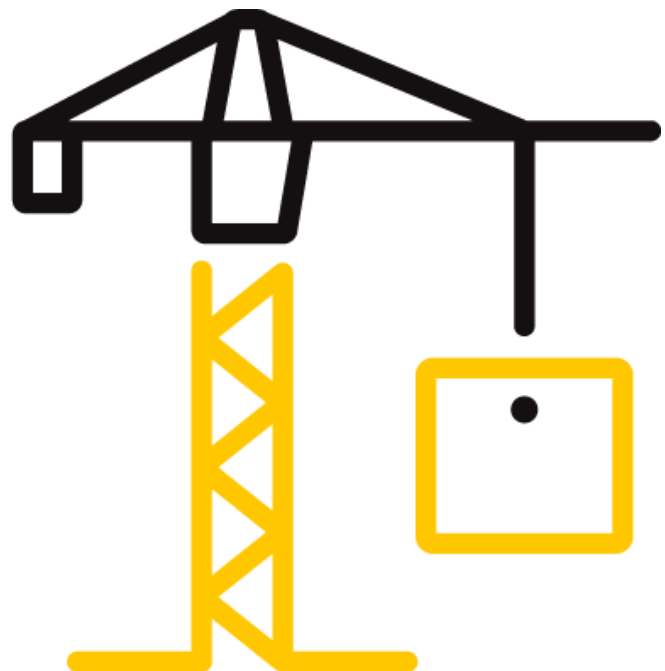
**PAGES**

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**DOCUMENT CONTROL NUMBER**

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**TEST REPORT FOR STORM DAMAGE SOLUTIONS, LLC.**

Report No.: N8631.01-450-18 R0

Date: 07/20/22

**REPORT ISSUED TO**

**STORM DAMAGE SOLUTIONS LLC**

171 Los Alamos Street  
Saint Augustine, FL 32095

**SECTION 1**

**SCOPE**

Architectural Testing, Inc. (an Intertek company), dba Intertek Building & Construction (B&C) was contracted by Storm Damage Solutions, LLC to perform TAS 100(A) testing on their self-adhering Smart Tarp. 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 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.

For INTERTEK B&C:

<b>COMPLETED BY:</b>	Melissa Nuttall
<b>TITLE:</b>	Project Manager
<b>SIGNATURE:</b>	
<b>DATE:</b>	07/20/21

<b>REVIEWED BY:</b>	Daniel Carroll
<b>TITLE:</b>	Regional Manager
<b>SIGNATURE:</b>	
<b>DATE:</b>	07/20/21

MMN:sar

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### SECTION 2

#### TEST METHOD(S)

The specimen was evaluated in general accordance with the following:

**TAS 100 (A)-95**, *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* – This test was performed on a self-adhering tarp not a ventilator. As such, there was no gap in sheathing at the ridge and no water collection tray under the ridge.

### SECTION 3

#### MATERIAL SOURCE

Test sample materials were provided by the client. Representative samples of the test specimen(s) will be retained by Intertek B&C for a minimum of four years from the test completion date.

### SECTION 4

#### LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Fredrick Henderson	Intertek B&C
Melissa Nuttall	Intertek B&C

## TEST REPORT FOR STORM DAMAGE SOLUTIONS, LLC.

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### SECTION 5

#### TEST SPECIMEN DESCRIPTION

**Manufacturer:** Storm Damage Solutions, LLC

**Product Type:** Self-adhering tarp

**Series/Model:** Smart Tarp

**Roof Deck Description:** An 8' 0" wide by 6' 0" long roof deck on a 3:12 slope was utilized. The roof deck consisted of #2 Spruce-Pine-Fir nominal 2x6 intermediate supports sheathed with 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 Description:** The underlayment consisted of a single layer of 30# asphalt organic felt paper with a 4" overlap between adjacent sheets. The felt was secured with 0.120" x 1-1/4" galvanized annular ring shank roofing nails with 32 Ga tin caps spaced 6" on center at the perimeter and overlaps, with two intermediate rows spaced 12" on center.

**Prepared Roof Covering Description:** The deck was covered in 3-tab asphalt roof shingles. The shingles were secured with 0.120" x 1-1/4" galvanized annular ring shank roofing nails per manufacturer instructions. The shingles were conditioned for a minimum of 18 hours at a minimum of temperature of 120°F.

**Tarp Description:** The tarp was constructed with industrial-grade high-density polyethylene. A 7' x 5' section of tarp was self-adhered in the center of the roof 8" below the ridge line.

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### SECTION 6

#### TEST RESULTS

**Protocol TAS 100(A)-95, 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):** 06/20/22

The temperature during testing was 85°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. of water infiltration – Tarp stayed adhered to roof
70 mph	0 oz. of water infiltration – Tarp stayed adhered to roof
90 mph	0 oz. of water infiltration – Tarp stayed adhered to roof
110 mph	0 oz. of water infiltration – Tarp stayed adhered to roof

**Result(s):** Pass

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

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### SECTION 7 PHOTOGRAPHS



**Photo No. 1**  
**Test Specimen**



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**SECTION 8**

**REVISION LOG**

REVISION #	DATE	PAGES	REVISION
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