

TAS 100(A)-95 Test Report

PIG Self-Adhesive Roof Tarp

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TEST METHOD

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.

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 gauge 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 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.

TEST RESULTS

Testing was conducted by Intertek of West Palm Beach, FL on 6/20/22. The temperature during testing was 85°F.

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
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		

Results: PASS

Note 1: Tested at a 2:12 roof pitch