TEST REPORT

FLORIDA BUILDING CODE TEST PROTOCOL TAS 100-95

TEST PROCEDURE FOR WIND AND WIND DRIVEN RAIN RESISTANCE OF DISCONTINUOUS ROOF SYSTEMS

April 14, 2004

Client: Nu-Lok USA LLC
711 S. Carson Street, Suite 4
Carson City, NV 89701

Metro-Dade Notification No: PRI04058
Test Date: March 18, 2004
PRI Test No: NLRS-001-02-01

1.1 Description of Discontinuous Roof System:

Prepared Roof Covering

Slate: Natural Vermont Slate
Dimensions: Nominal ¼ inch thick X 9 -16 inches wide X 16 inches long
Manufacturer: Greenstone Slate Company, Poultney, VT

Fastening System: Nu-Lok (Fastening) Roofing System (Drawings in Appendix B)
Manufacturer: Nu-Lok USA LLC

Underlayment

Name: Ice & Water Shield®
Type: Self adhering
Manufacturer: Grace Construction Products

Other Materials

Valley Metal: Galvalume, Field formed Soaker
Dimensions: 20 gauge 9 X 24

Counter Batten: 1 x 2 inch Pressure treated wood

Batten: 18 gauge AZ-55 Galvalume™ steel formed 'Z'
Link Channel: 0.031 inches, AZ-55 Galvalume™
Wire Clip: 0.063 inches in diameter 316 Stainless Steel
Manufacturer: Nu-Lok Roofing Systems

PRI Asphalt Technologies, Inc. 6408 Badger Drive Tampa, FL 33610 Tel: 813-621-5777 Fax: 813-621-5840 e-mail mail@priasphalt.com WebSite: http://www.priasphalt.com

1.8 Detailed Observations.

TAS 100 DATA AND OBSERVATIONS
Nu-Lok USA LLC
Slate Roofing System
March 18, 2004

Slope: 2" in 12" **Air Temp:** 61 °F **Deck Conditioning:** Not Required

Air Velocity Condition	Simulated Rainfall Condition	Duration
35 mph No movement	8.8 in/hr No water infiltration under deck	15 min
0 mph No movement	Off No water infiltration under deck	10 min
70 mph No movement	8.8 in/hr No water infiltration under deck	15 min
0 mph No movement	Off No water infiltration under deck	10 min
90 mph No movement	8.8 in/hr No water infiltration under deck	15 min
0 mph No movement	Off No water infiltration under deck	10 min
110 mph	8.8 in/hr No water infiltration under deck	5 min
0 mph No movement	Off No water infiltration under deck	10 min

Summary Observations: No movement was observed during the test. No water infiltration on the underside of the deck was observed during the test.

1.9 Volume of water, which infiltrated the sheathing at area of ridge vent.

Not applicable in this test.

1.10 Water Infiltration Through Sheathing.

None

1.11 Shingles Which Blow Off, Tear or Blow Upward Without Reseating:

None

2.0 Result of Testing:

Pass

The sample submitted for testing complies with all the requirements of Florida Build Code Test Protocol TAS 100-95, **TEST PROCEDURE FOR WIND AND WIND DRIVEN RAIN RESISTANCE OF DISCONTINUOUS ROOF SYSTEMS.**

Signed: _____
Gary H. Griswold
Manager, Testing Services

Date: 4/9/04

Approved: _____
Charles L. Thomas
Professional Engineer
P.E. Number: 29439

Date: _____

PRI Asphalt Technologies, Inc. 6408 Badger Drive Tampa, FL 33610 Tel: 813-621-5777 Fax: 813-621-5840 e-mail mail@priasphalt.com WebSite: http://www.priasphalt.com