

**1.9 Detailed Observations.**

**DATA AND OBSERVATIONS**

**Gutter Topper Ltd. Leaf Terminator®**

April 1, 2005

**Slope:** 2" in 12"

**Air Temp:** 82°F

**Deck Conditioning:** Not Required

Air Velocity Condition	Simulated Rainfall Condition	Duration
35 mph No Lift or movement of the gutter protection system.	8.8 in/hr	15 min
0 mph	Off	5 min
70 mph Multiple shingles lifted. No Lift or movement of the gutter protection system.	8.8 in/hr	15 min
0 mph	Off	5 min
90 mph Multiple shingles lifted and blew off the deck. No Lift or movement of the gutter protection system	8.8 in/hr	15 min
0 mph	Off	5 min
110 mph Multiple shingles lifted and blew off the deck. No Lift or movement of the gutter protection system.	8.8 in/hr	5 min
0 mph	Off	5 min

**Summary Observations:** Multiple shingles lifted and blew off the deck. No lift or movement of the gutter protection system occurred during the test.

GTP-009-02-01 PRI Accreditations: IAS-ES TL-189; State of Florida TST 1556; Metro-Dade 03-0515.04; CRRC

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**1.10 Volume of water, which infiltrated the vent openings.**

Not applicable.

**1.11 Water Infiltration Through Sheathing.**

Not applicable.

**1.12 Shingles Which Blow Off, Tear or Blow Upward Without Reseating:**

Multiple shingles lifted and blew off the deck.

**2.0 Result of Testing:**

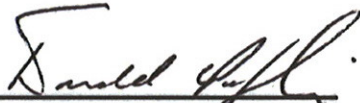
The Leaf Terminator® tested did not move nor was any damage incurred as a result of the wind pressures applied to the product during the testing. The gutter leaf and debris protection system was able to withstand wind velocities up to 110 MPH.

Signed:



Gary H. Griswold  
Manager, Testing Services

Approved:



Donald C. Portfolio  
Vice President

Date: 05/17/2005

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