



# ASPHALT

## TECHNOLOGIES

### Laboratory Report

**Report for:** Gutter Topper, LTD  
605 E. Ohio Pike  
Amelia, OH 45102

**Report Date:** March 7, 2001  
**Report Rev. Date:** October 2, 2001  
**Test Date:** November 10, 2000

**Attention:** Tony Iannelli

**Purpose:** To determine the equivalent rainfall of the large Gutter Topper® rainfall demonstrator based on the area of roof draining into the demonstrator.

**Materials:** Large Gutter Topper rainfall demonstrator supplied by Gutter Topper with calibration and testing completed by PRI Asphalt Technologies.

**Results of Testing:**

**Calibration of Rainfall Demonstrator:**

**Calculated Rainfall Estimate Based on Rainfall Demonstrator:**

Gutter Topper® Demonstrator width in inches	Pump Rate ml/min	Pump Rate GPM	Roof Size Ridge to Eave in feet	Roof Area Feeding Gutter ft²	Equivalent Rainfall In/hr
59	60600	16	0.666 *	3	471
59	60600	16	5	25	63
59	60600	16	10	49	31
59	60600	16	15	74	21
59	60600	16	20	98	16
59	60600	16	25	123	13
59	60600	16	30	148	10
59	60600	16	35	172	9
59	60600	16	40	197	8

\* Demonstrator distance from ridge to eave.

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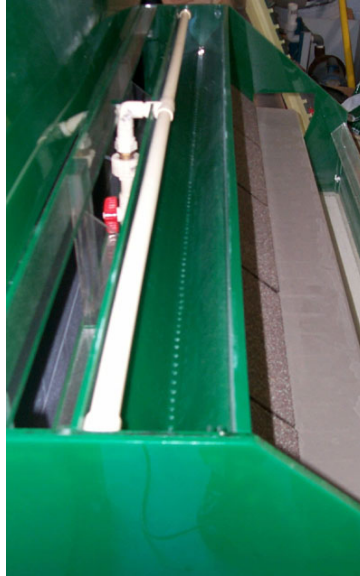


**Gutter Topper Rainfall Demonstration Unit**

**Description of Demonstrator Unit:**

Slope of Roof Section: 4:12 Inches

Gutter Description: 5 Inches wide by 3 ¼ inches deep painted 0.029 aluminum



**Water Delivery System 1**



**Pump**

Signed: *Gary H. Griswold*  
Gary H. Griswold  
Testing Services Manager

Date: October 2, 2001

Signed: *Donald C. Portfolio*  
Donald C. Portfolio  
Vice President

Date: October 2, 2001