



# CONSTRUCTION MATERIALS

## TECHNOLOGIES

### LABORATORY TEST RESULTS

**Report for:** SafeGuard 30  
3400 SW 209<sup>th</sup>  
Beaverton, OR 97007

**Attention:** Rufus Aylwin

<b>Product Name(s):</b> SafeGuard 30	<b>Manufacturer:</b> SafeGuard 30
<b>PRI-CMT Project No.:</b> AYLC-002-02-01	<b>Source:</b> Aylwin Construction
<b>Date Received:</b> Aug. 10, 2012	<b>Dates Tested:</b> Sep. 19, 2012 – Oct. 22, 2012

**Purpose:** Evaluate the water vapor transmission property for SafeGuard 30 in accordance with **ASTM E 96: *Standard Test Methods for Water Vapor Transmission of Materials.***

**Test Methods:** Testing was completed in accordance with ASTM E 96 / E 96M-10: *Standard Test Methods for Water Vapor Transmission of Materials.* Procedure B (Water Method) was utilized. Water Vapor Transmission and Permeance results have been reported in units of (grains/h-ft<sup>2</sup>) and (Perms), respectively.

**Product Sampling:** Sample material was provided by Aylwin Construction. Sample was provided as folded membrane; nominal membrane thicknesses are reported.

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**Results of Testing:**

ASTM E 96

Test Sample	Test Method	Property	Specimen Results							Requirement
			#1	#2	#3	#4	#5	Avg	StdDev	
SafeGuard 30 As Received; 5 specimens; 22mil thick; Weathering Side to ↑ P <sub>v</sub>	ASTM E 96 (Procedure B)	WVT (grains/h-ft <sup>2</sup> )	0.025	0.026	0.027	0.033	0.026	<b>0.03</b>	< 0.01	Report
		Permeance (Perms)	0.06	0.06	0.06	0.08	0.06	<b>0.07</b>	0.01	Report

Note(s): None.

**Statement of Attestation:** Water vapor permeance testing was determined in accordance with ASTM E 96: *Standard Test Methods for Water Vapor Transmission of Materials*. The laboratory test results presented in this report are representative of the material supplied.

Signed:   
 Brad Grzybowski  
 Managing Director

Date: October 23, 2012

**Report Issue History:**

Issue #	Date	Pages	Revision Description (if applicable)
Original	10/23/2012	2	NA

**END OF REPORT**

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