



ACCREDITED



# CONSTRUCTION MATERIALS TECHNOLOGIES

## LABORATORY TEST REPORT

**Report for:** TTR Roofing International, Inc.  
115 Fairway Drive  
Callander ON P0H 1H0  
Canada

**Date:** November 12, 2009

**Attention:** Stan Cox

<b>Product Name:</b> Tri Thermal Roof Membrane Adhesive	<b>Manufacturer:</b> TTR Roofing International
<b>Date Received:</b> October 5, 2009	<b>Source:</b> TTR Roofing International
<b>PRI Report No.:</b> TTRI-001-02-01	<b>Metro-Dade Notification No.:</b> PRI09099

**Subject:** The purpose of this project was to test TTR Tri Thermal Roof Adhesive for certain performance properties. The product is a spray applied

**Test Methods:** The test methods used included ASTM D 1621: *Standard Test Method for Compressive Properties Of Rigid Cellular Plastics*, ASTM D 1622: *Standard Test Method for Apparent Density of Rigid Cellular Plastics*; ASTM D 2126: *Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging*; ASTM D 2856: *Standard Test Method for Open-Cell Content of Rigid Cellular Plastic by the Air Pycnometer*; ASTM E 96: *Standard Test Methods for Water Vapor Transmission of Materials*, Procedure A: desiccant method.

**Sample Description:** The samples were received from TTR spray applied plywood. The specimens used for testing were cut from those samples.

TTRI-001-02-01

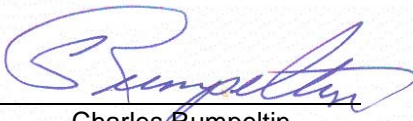
PRI Accreditations: IAS-ES TL-189; State of Florida TST 5878; Metro-Dade 06-1116.02; CRRC

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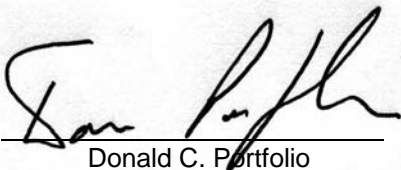
**Results of Testing:**

Physical Property	ASTM Test Method	Result
Density, pcf	D 1622	6.2
Compressive Strength, psi	D 1621	32
Water Absorption, %	C 209	5.3
Dimensional Stability @ 160°F and 97% RH for 7 days, %	D 2126	0.58
Tensile Strength, psi	D 1623	50
Closed Cell Content, %	D 2856	61
Water Vapor Permeability, perm inch	E 96A	4.36

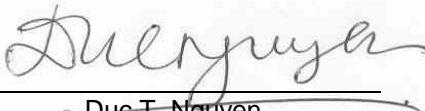
The physical properties reported for this material were determined in accordance with the test methods listed.

Signed:   
Charles Rumpelton  
Laboratory Technician

Date: 11/24/2009

Signed:   
Donald C. Portfolio  
President

Date: 11/24/2009

Signed:   
Due T. Nguyen  
Florida Registered Professional Engineer  
P. E. Number: 65034

Date: 11/24/2009