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Date: July 9, 2009
MTi Project No.: JX01B8A
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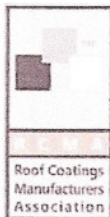
Accreditations



ISO 17025



Associations



TECHNICAL SERVICE REPORT

Abolin Co.
ATTN: Perdikis Prokopis
Galaxia 18 Afaia Skaramaga
12462 Athens, Greece

Project ID: JX01B8A

Date: July 9, 2009

Abstract:	Analysis of one white elastomeric coating per ASTM D 6083.			
Samples:	1, 5-gal pail sample labeled COOL BARRIER white elastomeric coating (MTi-081302) received on 12-22-08.			
Test Results:				
<u>Procedure</u>	<u>ASTM</u>	<u>Req.</u>	<u>Result</u>	<u>Pass / Fail</u>
Viscosity (Stormer)	D562	85 to 141 KU	78.9 KU	
Viscosity (Brookfield) LVT	D2196	1200 to 85000 cPs	10800 cPs	
Volume Solids	D 2697	Greater than 50%	70.08%	Pass
Weight Solids	D1644	Greater than 60%	64.87%	Pass
Initial Tensile @ 77°F	D2370	Min 200 psi	257.0 psi	Pass
Initial Elongation @ 77°F	D2370	Min 100%	135.56%	Pass
Initial Tensile @ 0°F	D2370		606.7 psi	N/A
Initial Elongation @ 0°F	D2370		102.8%	N/A
Final Elongation after Weathering @ 77°F	D2370	Min 100%	152.1%	Pass
Permeance	E96	50 perms max	8.09 perms	Pass
Water Swelling	D471	20% max (Mass)	5.65%	Pass
Adhesion to sprayed Polyurethane Foam	D903	2 pli min	7.134 pli	Pass
Adhesion to Smooth BUR	D903	2 pli min	.284 pli	Fail
Adhesion to Etched Galvanized Steel	D903	2 pli min	4.309 pli	Pass
Fungi Resistance	G21	Zero Rating	0.0	Pass
Tear Resistance	D624	>60 lbf/in	98.23 lbf/in	Pass
Low Temp Flex after Weathering	D522	Pass 1/2" mandrell at min -23°C	No Cracking	Pass



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Company: Abolin Co.
Project ID: JX01B8A
Title: COOL BARRIER
Date: 7-9-09

If you should have any questions or require any additional information, please call us at 330/896-5900.

Tested by,

A handwritten signature in black ink, appearing to read "Rodney G. Armstrong".

Rodney G. Armstrong
Laboratory Engineer

Reviewed by,

A handwritten signature in blue ink, appearing to read "Cindy L. Campbell".

Cindy L. Campbell
Laboratory Manager

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