



Technical Service Report

Project #: CX16D3A

Quote #: 2013-238

Date: 6/17/2013

PO#:

Truco, Inc.

Christopher Hoskins

3033 West 44th Street

Cleveland OH 44113

Ph: 216-631-1000 Fax: 216-281-0034

Momentum Technologies, inc.
507 Boettler Rd. Uniontown,
OH 44685 Ph: 330-896-
900 Fax: 330-896-9943

Abstract:

Analysis of one Low-Slope Roof Product (7140 White Just Super Eterna-Seal) for Initial Solar Reflectance per ASTM C1549-09 and Initial Thermal Emittance per ASTM C1371-04a and Maintenance of Solar Reflectance Test Method A using ASTM C1549-09 Energy Star Program Requirements Version 2.3.

MTI#

Description of Material

Receiving Date

MTI-130369	1 black panel coated with 7140 White Just Super Eterna-Seal	4/16/2013
------------	---	-----------

Test	ASTM	Requirement	Result	Conclusion
Initial Solar Reflectance per ASTM C1549-09 - 7140 White Just Super Eterna-Seal on black panel	Energy Star	≥ 0.65	0.804	Pass
Initial Thermal Emittance per ASTM C1371-04a(2010)e1 - 7140 White Just Super Eterna-Seal on black panel	Energy Star	Report Results	0.88	N/A
Maintenance of Solar Reflectance Test Method A using ASTM C1549-09 - Big Lots #23674, 7100 South Avenue, Boardman, OH 44512 (7140 White Just Super Eterna-Seal Application date: September 29, 2009)	Energy Star	≥ 0.50 three years after installation under normal conditions	0.637	Pass
Maintenance of Solar Reflectance Test Method A using ASTM C1549-09 - Guardian Storage, 730 West Portage Trail Ext, Cuyahoga Falls, OH 44313 (7140 White Just Super Eterna-Seal Application date: September 4, 2009)	Energy Star	≥ 0.50 three years after installation under normal conditions	0.641	Pass
Maintenance of Solar Reflectance Test Method A using ASTM C1549-09 - U-Store It/Cube Smart, 6801 Engle Road, Middleburg Heights, OH 44130 (7140 White Just Super Eterna-Seal Application date: May 10, 2010)	Energy Star	≥ 0.50 three years after installation under normal conditions	0.662	Pass

ISO 17025



Cert. 2711.01
Testing Laboratory

Test	ASTM	Requirement	Result	Conclusion
Thermal Emittance per ASTM C1371-04a(2010)e1 - Big Lots #23674, 7100 South Avenue, Boardman, OH 44512 (7140 White Just Super Eterna-Seal Application date: September 29, 2009)	Energy Star	Report Results	0.83	N/A
Thermal Emittance per ASTM C1371-04a(2010)e1 - Guardian Storage, 730 West Portage Trail Ext, Cuyahoga Falls, OH 44313 (7140 White Just Super Eterna-Seal Application date: September 4, 2009)	Energy Star	Report Results	0.86	N/A
Thermal Emittance per ASTM C1371-04a(2010)e1 - U-Store It/Cube Smart, 6801 Engle Road, Middleburg Heights, OH 44130 (7140 White Just Super Eterna-Seal Application date: May 10, 2010)	Energy Star	Report Results	0.87	N/A

Conclusion:

Tested By:



Cindy Campbell

Project Testing Manager

Reviewed By



Rodney Armstrong

Project Manager

The information presented in this publication is based upon the research of Momentum technologies, inc. (MTI) and is to the best of its knowledge accurate. However, no guarantee of its accuracy can be made since MTI has no control over the conditions under which its products may be used by others. MTI assumes no liability for its use, or the failure of products described herein. MTI MAKES NO WARRANTIES EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS, PATENT INFRINGEMENT, OR OTHERWISE. MTI SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as a recommendation or inducement to infringe existing patents or as an endorsement of products of specific manufacturers. ALL TEST REPORTS SHALL NOT BE REPRODUCED, EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF MOMENTUM TECHNOLOGIES, INC.

ISO 17025



Cert. 2711.01
Testing Laboratory