

DALLAS LABORATORIES, INC.

Consultants and Technologists
Chemical and Petroleum Chemists

P.O. BOX 152837, DALLAS, TEXAS 75315
1323 WALL ST, DALLAS, TEXAS 75215
PHONE 214/565-0593
FAX 214/565-1094

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Submitted by: MGM Industries
287 Freehill Road
Hendersonville, TN

Date: March 19, 2013

Attn: Abe Gaskins

Report No: 45521

REPORT

Sample:

Painted PVC Extrusions
Paint: Uncle omer's PVC Paint, Brown (lot #1127)
Production Date: 10/31/12
Cure: 3 minutes @ 160°F
Pre-treatment: Ionized oxygen gas flame
Drawing: Die #732 (MGM)

PROCEDURE

Submitted sample was tested according to AAMA 613-08 "Voluntary Performance Requirements and Test Procedures for Organic Coatings on Plastic Profiles," with the following results:

RESULTS

<u>Test/Method</u>	<u>Sample</u>	<u>AAMA 613-08 Specification Requirements</u>
6.1 Color Uniformity	Standard	Standard
6.2 Specular Gloss	1.9	As Reported
6.3 Dry Film Hardness	Pass HB	HB Minimum Hardness & No Film Rupture
6.4 Film Adhesion		
6.4.1.1 Dry	Pass	No Loss of Adhesion
6.4.1.2 Wet	Pass	No Loss of Adhesion
6.5 Direct Impact	Pass	No Removal of Film from Substrate

<u>Test/Method</u>	<u>Sample</u>	<u>AAMA 613-08 Specification Requirements</u>
6.6 Chemical Resistance 6.6.1 Muriatic Acid	Pass	No Blisters or Visible Change
6.6.2 Mortar	Pass	No Blisters or Visible Change
6.7 Detergent Resistance	Pass	No Film Adhesion Loss or Visible Change
6.8 Humidity	Pass (no blisters)	No Greater Than Few & No. 8 Blisters
6.9 Cold Crack Cycle	Pass	No Cracking, Loss of Adhesion, Color Change, or Other Detrimental Effects
6.10 Oven Aging	Pass	HB Hardness and no Loss of Adhesion
6.12 Heat Build Up, °F (°C) Horizontal	58.8 (32.7)	Report HBU Values Obtained in ASTM D4803 in Horizontal & Vertical Positions (°F and °C)
Vertical	48.3 (26.3)	

Date Testing Started: 1/10/13


Date Testing Completed: 3/19/13

Date Test Report Expires: 9/19/14

Sampled By: Initial Submittal

The test results indicate that sample is in compliance with the performance requirements of AAMA 613-08 for Organic Coatings on Plastic Profiles. Section 6.11 weathering is to be tested during AAMA certification program of coated plastics.

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Kevan W. Jones, Vice President

Analyst: GF
KWJ:js