

DALLAS LABORATORIES, INC.

Consultants and Technologists
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Submitted by: Sierra Aluminum
11806 Pacific Ave.
Fontana, CA 92337

Date: November 25, 2019

Attn: Julio Muneton

Report No.: 52587

REPORT

Sample:

Organic Coated aluminum extrusions
Coating: Duracoat (#19-08-3232), 163 White
Production Date: 9/23/19
Cure: 12-15 minutes @ 320°F
Pre-treatment: Henkel 5-stage Chrome Pretreat
Drawing: #602097

A. PROCEDURE

Submitted sample was tested according to AAMA 2603-17, "Voluntary Specification, Performance Requirements and Test procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels," Section 8.1 through 8.7.2 with the following results:

B. REPORT

<u>Test</u>	<u>Results</u>	<u>AAMA 2603-17 Specification Requirements</u>
8.1 Color Uniformity (ASTM D2244)	Standard	Standard
8.2 Specular Gloss (ASTM D523)	91.3	As reported
8.3 Dry Film Hardness (ASTM D3363)	Pass H	H hardness and no film rupture
8.4 Film Adhesion (ASTM D3359)	Pass	
8.4.1.1 Dry	5B	4B min. rating
8.4.1.2 Boiling	5B	4B min. rating
8.4.1.3 Wet	5B	4B min. rating
8.5 Impact Resistance (ASTM D3359)	Pass	No removal of film from substrate

<u>Test</u>	<u>Results</u>	<u>AAMA 2603-17 Specification Requirements</u>
8.6 Chemical Resistance	Pass	
8.6.1 Muriatic Acid	None	No Blistering or Visible Change
8.6.2 Mortar	None	No Blistering or Visible Change
8.6.3 Detergent	None	No Film Adhesion Loss or Visible Change
8.7 Corrosion Resistance		
8.7.1 Humidity (ASTM D2247)	Pass (No Blisters)	Not greater than Few & No. 8
8.7.2 Salt spray (ASTM B117)	Pass	
Scribe	10	7 Minimum rating
Field	10	8 Minimum rating

Date Testing Started: 9/23/19

Date Testing Completed: 11/25/19

Date Test Report Expires: 11/25/22

Sampled by: Sam Ramirez of ALI.

Testing Conducted At: Dallas Laboratories, Inc., 1323 Wall St., Dallas, TX 75215

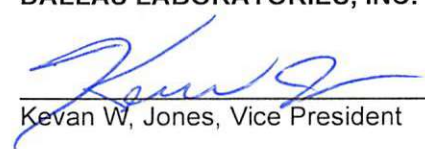
The test results indicate that the sample tested is in compliance with all of the performance requirements of AAMA 2603-17 for Pigmented Organic Coatings on Aluminum Extrusions and Panels, except for section 8.8.1 Outdoor Exposure which must be furnished by the coating supplier for full compliance to AAMA 2603 as specified by AAMA.

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Lab Test Technician

DALLAS LABORATORIES, INC.



Kevan W, Jones, Vice President

Analyst: GF

KWJ: js