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

Date: March 11, 2020

Attn: Julio Muneton

Report No.: 52559

REPORT

Sample:

Organic Coated aluminum extrusions
Coating: Valspar (lot #9511289193) Coconut Cream
Production Date: 8/16/19
Cure: 12 minutes @ 450°F
Pre-treatment: Henkel 5-stage Chrome Pretreat
Drawing: #602097

A. PROCEDURE

Submitted sample was tested according to AAMA 2605-20, "Voluntary Specification, Performance Requirements and Test procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels," Section 8.1 through 8.8.2, with the following results:

B. REPORT

<u>Test</u>	<u>Results</u>	<u>AAMA 2605-20 Specification Requirements</u>
8.1 Color Uniformity (ASTM D2244)	Standard	Standard
8.2 Specular Gloss (ASTM D523)	38.5	As reported
8.3 Dry Film Hardness (ASTM D3363)	Pass F	F hardness and no film rupture
8.4 Film Adhesion (ASTM D3359)	Pass	
8.4.2.1 Dry	Pass	4B minimum
8.4.2.2 Boiling Water	Pass	4B minimum
8.4.2.3 Wet	Pass	4B minimum


<u>Test</u>	<u>Results</u>	<u>AAMA 2605-20 Specification Requirements</u>
8.5 Impact Resistance (ASTM D3359)	Pass None	No removal of film from substrate
8.6 Abrasion Resistance (ASTM D968)	Pass (>ACV 40)	ACV 40 minimum
8.7 Chemical Resistance	Pass	
8.7.1 Muriatic Acid	None	No Blistering or Visible Change
8.7.2 Mortar	None	No Blistering or Visible Change
8.7.3 Nitric Acid	Pass (Delta E = 0.14)	Hunter, Delta E = 5 maximum
8.7.4 Detergent	None	No Film Adhesion Loss or Visible Change
8.7.5 Window Cleaner Resistance	None	No blistering or noticeable change in appearance and no film loss
8.8 Corrosion Resistance	Pass	
8.8.1 Humidity (ASTM D2247)	(No Blisters)	Not greater than Few & No. 8
8.8.2 Salt spray (ASTM B117)	Pass	
Scribe	10	7 Minimum rating
Field	10	8 Minimum rating

Date Testing Started: 9/23/19
 Date Testing Completed: 3/11/20
 Date Test Report Expires: 3/11/23
 Sampled by: Brad Snoddy of ALI

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

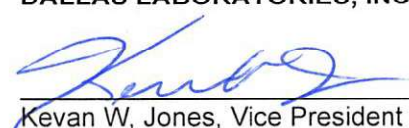
The test results indicate that the sample tested is in compliance with all of the performance requirements of AAMA 2605-20 for Superior Performing Organic Coatings on Aluminum Extrusions and Panels, except for section 8.9 WEATHERING which must be furnished by the by the coating supplier for full compliance to AAMA 2605-20 as specified by AAMA.

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 Lab Test Technician

DALLAS LABORATORIES, INC.



 Kevan W, Jones, Vice President

Analyst: GF
 KWJ: js