

# DALLAS LABORATORIES, INC.

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Submitted by: A&I Coatings  
7 Lackey Road  
Moss Vale, NSW  
Australia, 2577

Date: June 6, 2018

Attn: Ben Gillies

Report No.: 50502-A

## REPORT

### Sample:

Organic Coated aluminum extrusions  
Coating: A & I Coatings Vitreflon V700/Vitreset V560. (lot #A-14359, B-14430/A-14182, B-14183)  
Production Date: 4/9/17  
Cure: Not provided  
Pre-treatment: Chemetall Chromicoat T3B Chrome pretreat  
Drawing: panels

### A. PROCEDURE

Submitted sample was tested **for informational purposes** according to AAMA 2605-17, "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 2605-17 Specification Requirements</u>
8.1 Color Uniformity (ASTM D2244)	Standard	Standard
8.2 Specular Gloss (ASTM D523)	31.0	As reported
8.3 Dry Film Hardness (ASTM D3363)	Pass F	F hardness and no film rupture
8.4 Film Adhesion (ASTM D3359)	Pass	
8.4.1.1 Dry	4B	4B min. rating
8.4.1.2 Boiling	4B	4B min. rating
8.4.1.3 Wet	4B	4B min. rating

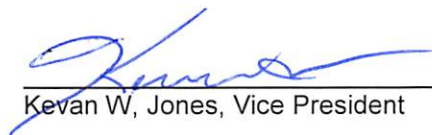
<u>Test</u>	<u>Results</u>	<u>AAMA 2605-17 Specification Requirements</u>
8.5 Impact Resistance (ASTM D3359)	Pass None	No removal of film from substrate
8.6 Abrasion Resistance (ASTM D968)	Pass (>ACV 40)	ACV 40 minimum
8.7 Chemical Resistance	Pass	
8.7.1 Muriatic Acid	None	No Blistering or Visible Change
8.7.2 Mortar	None	No Blistering or Visible Change
8.7.3 Nitric Acid	Pass (Delta E = 0.12)	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	
8.7.1 Humidity (ASTM D2247)	(No Blisters)	Not greater than Few & No. 8
8.8.2 Salt spray (ASTM G85 A5)	Pass	
Scribe	9	7 Minimum rating
Field	10	8 Minimum rating

Date Testing Started: 9/20/17  
 Date Testing Completed: 6/6/18  
 Date Test Report Expires: N/A  
 Sampled by: N/A

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

The test results indicate that the sample tested **for informational purposes** is in compliance with all of the performance requirements of AAMA 2605-17 for Superior Performing Organic Coatings on Aluminum Extrusions and Panels, except for section 8.9 WEATHERING which must be furnished by the coating supplier for full compliance to AAMA 2605-17 as specified by AAMA.

**DALLAS LABORATORIES, INC.**

  
 Kevan W, Jones, Vice President

Analyst: GF  
 KWJ: js