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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: TIGER Drylac USA Inc.
3945 Swenson Avenue
St. Charles, IL 60174

Date: April 13, 2022

Attn: Matt Kamstra

Report No.: 54681-12
P.O. No.: 4580017579

REPORT

Sample:

Organic Coated aluminum extrusions
Coating: Super Durable Arch. 038/80010
Production Date: Not provided
Cure: Not provided
Pre-treatment: Not provided
Drawing: Panels

A. PROCEDURE

Submitted sample was tested **for informational purposes** according to AAMA 2604-21, "Voluntary Specification, Performance Requirements and Test procedures for High Performance 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 2604-21 Specification Requirements</u> |
|------------------------------------|----------------|--|
| 8.1 Color Uniformity (ASTM D2244) | Standard | Standard |
| 8.2 Specular Gloss (ASTM D523) | 91.7 | 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 | 5B | 4B minimum |
| 8.4.2.2 Boiling Water | 5B | 4B minimum |
| 8.4.2.3 Wet | 5B | 4B minimum |
| 8.5 Impact Resistance (ASTM D3359) | Pass | No removal of film from Substrate |

| <u>Test</u> | <u>Results</u> | <u>AAMA 2604-21 Specification Requirements</u> |
|---|-----------------------|---|
| 8.6 Abrasion Resistance (ASTM D968) | Pass (40L) | 40L or report ACV |
| 8.7 Chemical Resistance | | |
| 8.7.1 Muriatic Acid | Pass | No Blistering or Visible Change |
| 8.7.2 Mortar | Pass | No Blistering or Visible Change |
| 8.7.3 Nitric Acid | Pass (Delta E = 0.50) | Hunter Delta E=5 maximum |
| 8.7.4 Detergent | Pass | No Film Adhesion Loss or Visible Change |
| 8.7.5 Window Cleaner Resistance | Pass | No blistering or noticeable change in appearance and no film loss |
| 8.8 Corrosion Resistance | | |
| 8.8.1 Humidity (ASTM D2247, 3,000 hours) | Pass (No Blisters) | Not greater than Few & No. 8 |
| 8.8.2 Cyclic Corrosion Testing (ASTM G85 [A5], 1,500 hours) | Pass | |
| Scribe | 10 | 7 Minimum rating |
| Field | 10 | 8 Minimum rating |

Date Testing Started: 12/7/21

Date Testing Completed: 4/13/22

Date Test Report Expires: N/A

Sampled by: N/A

Testing Conducting At: Dallas Laboratories, Inc., 1323 Wall St., Dallas, Texas 75215.

The test results indicate that the sample tested **for informational purposes** is in compliance with all of the performance requirements of AAMA 2604-21 for High Performance 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 2604-21 as specified by AAMA.

DALLAS LABORATORIES, INC.


Kevan W, Jones, Vice President

Analyst: GF
KWJ: js