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DALLAS LABORATORIES, INC.

CONSULTANTS AND TECHNOLOGISTS

ANALYTICAL AND RESEARCH CHEMISTS —

CHEMICAL ENGINEERS — PETROLEUM ENGINEERS

P. O. BOX 152837 1323 WALL ST.

DALLAS, TEXAS 75315

REPORT

MEMBERS

AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY FOR TESTING MATERIAL
AMERICAN NATIONAL STANDARDS INSTITUTE
AMERICAN SOCIETY FOR QUALITY CONTROL

Date: April 12, 2007

Report No.: 38407-3

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
TEXAS SOCIETY OF PROFESSIONAL ENGINEERS
ASM INTERNATIONAL
SOCIETY OF PETROLEUM ENGINEERS OF AIME

MEMBERS

Submitted by:

TIGER Drylac U.S.A., Inc. 1100 Commons Blvd. Reading, PA 19610

Attn: Burkhard Maier

Sample:

Coated aluminum panels
Paint: Series 029 SGL Metallic
Production Date: Unknown

Cure: Unknown

Pre-treatment: Unknown

Drawing: N/A

A. Procedure

Submitted sample was tested **for informational purposes** according to AAMA 2603-02 "Voluntary Specification Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels", Sections 6.1 through 6.7.2, with the following results:

B. Results

<u>Test</u>	Results	AAMA 2603-02 Specification Requirements
6.1 Color Uniformity	Standard	Standard
6.2 Specular Gloss	66.1	As Reported
6.3 Dry Film Hardness	Pass H	H Hardness and 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

<u>Test</u>	Results	AAMA 2603-02 Specification Requirements
6.5 Impact Resistance	Pass	No Removal of Film from Substrate
6.6 Chemical Resistance 6.6.1 Muriatic Acid	Pass	No Blistering or
Solvetitied by: TIGER Daylac U.S.A., 1 1100 Coverage Red.		Visible Change
6.6.2 Mortar	Pass	No Blistering or Visible Change
6.6.3 Detergent	Pass	No Film Adhesion Loss or Visible Change
6.7 Corrosion Resistance		
6.7.1 Humidity	Pass (No blisters)	Not Greater Than Few #8 Blisters.
6.7.2 Salt Spray Scribe	Pass 10	7 Minimum Rating
Field	10	8 Minimum Rating

Date Testing Started: 1-10-07
Date Testing Completed: 4-12-07

Date Test Report Expires: N/A (Informational)

Sampled by: N/A

Testing Conducted At: Dallas Laboratories, Inc., 1323 Wall Street, Dallas, Texas 75215.

Test results indicate that the sample tested is in compliance with all of the performance requirements of AAMA 2603-02 for Pigmented Organic Coatings on Aluminum Extrusions and Panels, except for Section 6.8.1 Outdoor Exposure which must be furnished by the coating supplier for full compliance to AAMA 2603 as specified by AAMA.

DALLAS LABORATORJES, INC.

Kevan W. Jones, Vice President

Analyst: GF KWJ:td