

# DALLAS LABORATORIES, INC.

Consultants and Technologists  
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Submitted by: EverKem Diversified Products  
5180 Indiana Avenue  
Winston-Salem, NC 27106

Date: December 11, 2012

Attn: Jason Lynch

Report No.: 45383-2A

## REPORT

### Lab Sample No:

45383-2      EvoSeal MS

### A. Procedure

Submitted sample was tested according to AAMA 800-10, Voluntary Specifications and Test Methods for Sealants, to determine compliance with AAMA 802.3-10, Type II Back Bedding Glazing Compound.

### B. RESULTS

<u>Test</u>	<u>Observed Results</u>	<u>AAMA 802.3-10 Specification Number &amp; Requirements</u>
2.2.1. Hardness Evaluation (Shore "A" Hardness)	Pass	Section 1.4.4.1 $\leq 55$
a. 77 $\pm$ 5°F - 21 days	35	
b. 180 $\pm$ 5°F - 14 days	44	
c. Ultraviolet Exposure 140 $\pm$ 10°F - 21 days	42	
2.3.1 Thin Film Integrity	Pass	Section 1.4.4.2 No voids allowed.
a. 77 $\pm$ 5°F - 21 days	None	
b. 180 $\pm$ 5°F - 14 days	None	
c. Ultraviolet Exposure 140 $\pm$ 10°F - 21 days	None	

<u>Test</u>	<u>Observed Results</u>	<u>AAMA 802.3-10 Specification Number &amp; Requirements</u>
2.4.1 Peel Adhesion – Test B (Average of 3 tests)	Pass	Section 1.4.4.3 ≥5.0 lbs.in. of width and ≥90% cohesive separation allowed.
	<u>Aluminum</u>	<u>Glass</u>
a. 77±5°F - 21 days	22.8 lbs.in of width 100% cohesive separation	26.4 lbs.in. of width 100% cohesive separation
b. <u>a</u> after 7 days water immersion at 77±5°F	17.4 lbs.in. of width 100% cohesive separation	27.2 lbs.in. of width 100% cohesive separation
c. 180±5°F - 14 days	19.5 lbs.in. of width 100% cohesive separation	25.2 lbs.in. of width 100% cohesive separation
d. <u>c</u> after 7 days water immersion at 77±5°F	22.8 lbs.in. of width 100% cohesive separation	27.3 lbs.in. of width 100% cohesive separation
2.6 Slump 77±5°F - 5 minutes	Pass <0.1"	Section 1.4.4.4 ≤0.1 inches
2.8.1 Vehicle Migration	Pass None/1	Section 1.4.4.5 No vehicle migration from the compound edge. Contact staining is allowed. Report # sheets stained.
2.9.1 Low Temperature Flexibility	Pass None	Section 1.4.4.6 No cracks and/or loss of adhesion from the test panel.
2.11.1 Water Resistance	Pass None	Section 1.4.4.8 No voids, cracks, separation, or breakdown of the compound after water exposure.

Date Testing Started: 11/7/12  
 Date Testing Completed: 12/11/12  
 Date Test Report Expires: 12/11/15

Sampled by: Brandon Herndon of ALLI.

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

The sample, as submitted, was found to comply with the specification requirements of AAMA 802.3-10, Type II.

**DALLAS LABORATORIES, INC.**

  
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 Keyan W. Jones, Vice President

Analyst: GF  
 KWJ: js