

HARLAN Associates, Inc.

PAINT RESEARCH LABORATORY

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Our File: P-9881

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Michael Macris
American Polymer Corporation
9176 South 300 West
Suite Four
Sandy, Utah 84070

Re: Oregon DOT Testing

Dear Mr. Macris:

1. We have completed our evaluation of one sample submitted, designated as "Graffiti Solution System AP 100 Clear Flat, 2 component" (our S-41158 and S-41159).

The samples were evaluated in accordance with "Proposed Method of Testing Anti-Graffiti Coating Systems" submitted with the sample.

3. RESULTS:

3.1 Part 1 (Waterproofing and Breathability):

3.1.1 SSD after 21 days soaking:

Sample:	Specimen 1	2.18 g/ml
	Specimen 2	2.19 g/ml
Control:	Specimen 1	2.21 g/ml
	Specimen 2	2.24 g/ml

3.1.2 Density after 21 Days Dry Time:

Sample:	Specimen 1	2.14 g/ml
	Specimen 2	2.14 g/ml
Control:	Specimen 1	2.12 g/ml
	Specimen 2	2.14 g/ml

3.2 Part II (Effectiveness):

3.2.1 All graffiti removed, no trace of red paint.

3.3 Part III (Appearance Change):

3.3.1 No change in appearance of anti-graffiti coating surface after removal of red enamel graffiti.

3.3.2 Anti-graffiti coating not removed by cleaning product.

4. Comparison of Results with Specification Recommendations:

4.1 Part I:

4.1.1 The average water absorption gain of the coated cylinders was 35% when compared to the average water absorption gain of the control cylinders.

4.1.1.1 Specification recommendation equals 30% maximum gain.

4.1.2 The average moisture loss of the coated cylinders was 48% when compared to the average moisture loss of the control cylinders.

4.1.2.1 Specification recommendation equals 80% minimum loss.

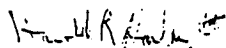
4.2 Part II:

4.2.1 The coating tested exhibited excellent effectiveness and is acceptable under the specification recommendation.

4.3 Part III:

4.3.1 The coating tested exhibited no change in appearance after removal of red enamel graffiti and is acceptable under the specification recommendation.

Respectfully submitted,



Harold R. Harlan, III, Laboratory Director

HARLAN ASSOCIATES, INC.

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