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Accredited by National Voluntary Laboratory Accreditation Program - Lab Code 100252 Accepted by Canadian General Standards Board - No. 76005 - ISO/IEC 25 Approved

June 16, 2010

Superior Products International II, Inc 10835 W. 78<sup>th</sup> Street Shawnee, KS 66214

Att: Mr. Craig R. Smith Technical Director

> Re: DL-15881C - Interim Report 10 Via FAX (913) 962-6767

## **OBJECTIVE**

To test a coating for compliance to the salt spray requirements as outlined in the Florida Department of Transportation specification.

#### PRODUCT TESTED

Coated panels were submitted by Superior Products II, Inc. and identified as:

Rust Grip NS 1, 6-mils through Rust Grip NS 3, 6-mils

## TEST PROCEDURE

The coated panels were exposed in a Salt Fog Chamber maintained in accordance with ASTM B 117, for 15,000 hours. The panels were evaluated periodically for overall blistering in accordance with ASTM D 714 and rust staining in accordance with ASTM D 610.

#### **TEST RESULTS**

The test results can be found in the Appendix.

### ASTM D 714, Degree of Blistering

2 - 1/4-inch diameter approx.

# Blister Size 10 - None 8 - Pinpoint size 6 - 1/16-inch diameter approx. 4 - 1/8-inch diameter approx. Prequency of Occurrence F - Few M - Medium MD - Medium Dense D - Dense

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# **INTERIM TEST RESULTS** (cont.)

## ASTM D 610, Degree of Rusting

Rust Grade	Description
10	No rusting
9	Minute rusting, less than 0.03% of surface area
8	Few isolated areas, less than 0.1% of surface area
6	Extensive rust areas, less than 1% of surface area
4	Rusting to the extent of 10% of surface area
2	Approximately 33% of surface rusted
0	Approximately 100% of surface rusted

DL Labs, Inc.

Mario Lazaro, Jr.

Assistant Technical Director



# TEST RESULTS

# **APPENDIX**

### **ASTM B 117**

The three coated panels of Rust Grip NS, 6-mils exhibit the following:

	<u>Blistering</u>	Rust Staining
250 Hours Exposure	10	10
500 Hours Exposure	10	10
750 Hours Exposure	10	10
1,000 Hours Exposure	10	10
1,250 Hours Exposure	10	10
1,500 Hours Exposure	10	10
1,750 Hours Exposure	10	10
2,000 Hours Exposure	10	10
2,250 Hours Exposure	10	10
2,500 Hours Exposure	10	10
2,750 Hours Exposure	10	10
3,000 Hours Exposure	10	10
3,250 Hours Exposure	10	10
3,500 Hours Exposure	10	10
3.750 Hours Exposure	10	10
4,000 Hours Exposure	10	10
4,250 Hours Exposure	10	10
4,500 Hours Exposure	10	10
4.750 Hours Exposure	10	10
5,000 Hours Exposure	10	10
5,250 Hours Exposure	10	10
5,500 Hours Exposure	10	10
5.750 Hours Exposure	10	10
6,000 Hours Exposure	10	10
6,250 Hours Exposure	10	10
6,500 Hours Exposure	10	10
6.750 Hours Exposure	10	10
7,000 Hours Exposure	10	10
7,250 Hours Exposure	10	10
7,500 Hours Exposure	10	10
7,750 Hours Exposure	10	10
8,000 Hours Exposure	10	10
9,000 Hours Exposure	10	10
9,250 Hours Exposure	10	10
9,500 Hours Exposure	10	10
9,750 Hours Exposure	10	10
10,000 Hours Exposure	10	10

11,000 Hours Exposure

In progress