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Independent Testing and Consulting Laboratory Serving the Coatings, Sealant,  
Waterproofing and Building Materials Industries Since 1932

January 11, 2011

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**

### **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**

##### **Blister Size**

10 - None  
8 - Pinpoint size  
6 - 1/16-inch diameter approx.  
4 - 1/8-inch diameter approx.  
2 - 1/4-inch diameter approx.

##### **Frequency of Occurrence**

F - Few  
M - Medium  
MD - Medium Dense  
D - Dense



**TEST RESULTS (cont.)**

**ASTM D 610, Degree of Rusting**

<b><u>Rust Grade</u></b>	<b><u>Description</u></b>
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.**

A handwritten signature in black ink, appearing to read 'Mario Lazaro, Jr.', is positioned above the printed name.

Mario Lazaro, Jr.  
Assistant Technical Director



**APPENDIX**

**TEST RESULTS**

**ASTM B 117 SALT SPRAY (FOG) CORROSION RESISTANCE**

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

	<b><u>Blistering</u></b>	<b><u>Rust Staining</u></b>
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



**APPENDIX (cont.)**

**TEST RESULTS**

**ASTM B 117 SALT SPRAY (FOG) CORROSION RESISTANCE**

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

	<b><u>Blistering</u></b>	<b><u>Rust Staining</u></b>
8,250 Hours Exposure	10	10
8,500 Hours Exposure	10	10
8,750 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
10,250 Hours Exposure	10	10
10,500 Hours Exposure	10	10
10,750 Hours Exposure	10	10
11,000 Hours Exposure	10	10
11,250 Hours Exposure	10	10
11,500 Hours Exposure	10	10
11,750 Hours Exposure	10	10
12,000 Hours Exposure	10	10
12,250 Hours Exposure	10	10
12,500 Hours Exposure	10	10
12,750 Hours Exposure	10	10
13,000 Hours Exposure	10	10
13,250 Hours Exposure	10	10
13,500 Hours Exposure	10	10
13,750 Hours Exposure	10	10
14,000 Hours Exposure	10	10
14,250 Hours Exposure	10	10
14,500 Hours Exposure	10	10
14,750 Hours Exposure	10	10
15,000 Hours Exposure	10	10