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Accredited by National Voluntary Laboratory Accreditation Program - Lab Code 100252  
ISO / IEC 17025 and relevant requirements of ISO 9002

May 1, 2007

Fine Paints of Europe  
P. O. Box 419  
Route 4 West  
Woodstock, VT 05091-0419

Att: Mr. John F. Lahey Jr.

Re: DL-15218  
Via FAX 802-457-3984

### OBJECTIVE

To evaluate the adhesion and bleed through resistance of **ECO PRIMER S**

### PRODUCT TESTED

**Fine Paints of Europe, ECO PRIMER S**, White Lot: 07022335

### PROCEDURES

One coat of **ECO PRIMER S** was applied by brush to solid mahogany at 70-80µm (3-mils) wet film thickness and allowed to dry 24-hours at standard conditions before testing.

The following test procedures were conducted in this evaluation:

**Adhesion**, ASTM Test Method D 3359, Method A - Cross-cut "X" Tape Test

**Stain Resistance - Bleed Through** - The coated mahogany test substrate was subjected to heat with humidity for 24 and 96-hours. The stain resistance or bleed through was determined as the difference in directional reflectance. A reflectance difference no greater than 20% has been deemed acceptable as stated in federal government specification TT-P-001984, sec. 3.3.7.



## TEST RESULTS

The test results of the **ECO PRIMER S** when applied to mahogany are:

	<u>Result</u>
<b>Adhesion of Primer to Mahogany</b>	
Initial	5A
After 24 hours exposure to humidity	5A
After 96 hours exposure to humidity	5A
<b>Stain Resistance - Bleed Through</b>	
Visible Color Change	
After 24-hours exposure	None
After 96-hours exposure	None
Reflectance Change	
Before exposure	72.8%
After 24-hours exposure	71.2%
Difference	1.6%
After 96-hours exposure	71.4%
Difference	1.4%

An ASTM D 3359 Adhesion test rating of 5A denotes that "No peeling or removal of film along incisions was observed."

## CONCLUSIONS

The following conclusions may be derived from this evaluation:

1. The **ECO PRIMER S** product exhibited excellent adhesion to mahogany both before and after exposure to humidity.
2. The **ECO PRIMER S** product did not exhibit bleed through when applied to mahogany and exposed to hot/humid conditions for 24 and 96 hours.

**DL Labs, Inc.**

Mario Lazaro, Jr.  
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cc: T. Sliva