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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

August 16, 2005

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

Att: Mr. John F. Lahey Jr.

Re: DL-14593R
Via FAX 802-457-3984

OBJECTIVE

To evaluate the adhesion and bleed through resistance of ***Oil Primer / Undercoat*** when applied to mahogany.

PRODUCT TESTED

The primer was submitted by Fine Paints of Europe for evaluation. The primer was identified as:

Fine Paints of Europe, *Oil Primer / Undercoat*,
High Performance Primer / Undercoat for Interior and Exterior Use,
White Lot: 04381129

PROCEDURES

One coat of ***Oil Primer / Undercoat*** was applied to solid Honduran 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 specifications (TT-P-001984, sec. 3.3.7).



TEST RESULTS

The test results can be found in the Appendix.

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 ***Oil Primer / Undercoat*** product exhibited excellent adhesion to mahogany both before and after exposure to humidity.
2. The ***Oil Primer / Undercoat*** 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.
Assistant Technical Director

cc: T. Sliva



APPENDIX

TEST RESULTS

OIL PRIMER / UNDERCOAT

	<u>Result</u>
Adhesion of Primer to Honduran Mahogany	
Initial	5A
After 24 hours exposure to humidity	5A
After 96 hours exposure to humidity	5A
Stain Resistance - Bleed Through	
Visible Color Change	
After 24-hours exposure	None
After 96-hours exposure	None
Reflectance Change	
Before exposure	83.6%
After 24-hours exposure	83.3%
Difference	0.3%
After 96-hours exposure	83.5%
Difference	0.1%