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June 9, 2004

Eco-House, Inc.
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Re: DL-14118-R
Via FAX 506-366-3577

OBJECTIVE

To test the wind driven rain resistance of an exterior silicate wall coating.

PRODUCT TESTED

The coating was submitted by Eco-House, Inc. and identified as:

Eco House - #1010 QuartzGuard, Exterior Silicate Dispersion Paint,

PROCEDURE

The wind driven rain resistance of the coating was determined in accordance with procedures outlined in ASTM D 6940, "Standard Practice for Resistance to Wind-Driven Rain for Exterior Coatings Applied to Masonry".

The coating was applied to triplicate concrete test surfaces measuring 8 x 16 x 1.5 inches (200 x 405 x 40 mm) in two coats at a wet film thickness of 6-mils per coat. The resulting dry film thickness of the coating was 5-mils (125 microns). An overnight dry was allowed between coats. The coated concrete surfaces were then allowed to cure a minimum of ten-days in a protected shelter exposed to exterior sources of carbon dioxide.



TEST RESULTS

The #1010 QuartzGuard – Exterior Silicate Dispersion Paint did not exhibit visible water leaks or dampness on the rear uncoated face of the concrete surfaces after a 24 hour exposure to water spray and 5 inches of water pressure, which is the equivalent dynamic pressure at 98 miles per hour wind velocity.

CONCLUSION

While the ASTM test method does not state requirements for wind driven rain resistance, the coating complies with the requirements stated in U. S. Federal Specification TT-C-555B, "Coating, Textured (For Interior and Exterior Masonry Surfaces)", "Qualitative Requirement 3.3.3 - Resistance To Wind Driven Rain", upon which the ASTM Method was derived.

DL Labs, Inc

A handwritten signature in cursive script, appearing to read 'Thomas J. Sliva'.

Thomas J. Sliva /
Technical Director

cc: M. Lazaro, Jr.