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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

October 8, 1999

InCide Technologies
Fifty North Forty-First Avenue
Phoenix, AZ 85009

Att: **Mr. Allen Tucker**
Coatings Manager

DL-12469

OBJECTIVE

To evaluate the moisture vapor transmission characteristics of a submitted coating.

PRODUCT TESTED

The coating was submitted in a quart can and identified in an accompanying letter as Complete Coatings Elastomeric Wall Coating.

TEST PROCEDURE

Testing was conducted in accordance with ASTM D 1653, Condition A, Method B (Wet Cup Method). The coating was applied to attain a 10 mil dry film thickness. The coating was cured for seven days at standard conditions before testing.

TEST RESULTS

ENGLISH UNITS

WVT (grains/ft^2 /h)	- 13.45
WVP (Perms)	- 34.77

METRIC UNITS

WVT (grams/m^2 /24 hrs)	- 225.2
WVP (metric perms)	- 22.9

D/L Laboratories

Thomas J. Sliva
Assistant Technical
Director

cc: S. Spindel

TEST PROCEDURES

Test	Procedure
Freeze-Thaw Resistance, 3 cycles	ASTM D 2243
Wind Driven Rain Resistance	TT-C-555B (a)
Peel Adhesion	ASTM C 794, Modified (b)
Flexibility, low temperature (0°F)	ASTM D 522, Method B (c)

(a) Wind Driven Rain - The elastomeric coating was applied over a latex block filler.

(b) Peel Adhesion - Testing was conducted following procedures outlined in ASTM C 794 with the following modifications:

The substrate was mortar.

The flexible finish was applied at 1/8 inch for each coat.

The dry peel adhesion test was performed as well as the seven day water immersion portion of the test.

(c) The coating was bent over a one inch mandrel . The application of the flexible coating was a nominal 1/8 inch (62 mils) wet film thickness per coat.

TEST RESULTS

The test results can be found in the Appendix.

DL Labs, Inc.

Mario Lazaro, Jr.
Assistant Technical
Director

cc: T. Sliva

APPENDIX

TEST RESULTS

FLEXIBLE FINISH
ACRYLIC BASED TEXTURED ELASTOMERIC FINISH
WHITE

Test	Result
Surface Burning	
Flame Spread Index	15
Smoke Development Index	25
Tensile Strength	115 psi
Elongation	60%
Water Vapor Transmission	
Water Vapor Transmission Rate	
Grains /ft²·h	6.6 gr/ft²·h
Grams/h·m²	4.6 g/h·m²
Permeance	
Perm, grains/ft²·h·in. Hg	14.6 Perms
Metric perms, grams/Pa·s·m²,	83.3 x 10^{-8} Metric perms
Weatherability - 2000 hours	
Cracking	No Cracking
Mildew Resistance	No Growth
Freeze-Thaw Resistance	
3 cycles	Pass
Wind Driven Rain Resistance	
Water absorption, 0.2 lbs. max.	0.06 pounds
Rear face dampness	None
Peel Adhesion	
Dry	20 pli
Wet	5 pli
Low Temperature Flexibility	
Cracking	None

Note: PLI = Pounds per Linear Inch