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Physical Testing for: Pazkar Limited
 For Accreditation by: ICC AC-29 effective March 1, 2004
 Sample ID: Elastopaz
 DX29F5A

Final Test Report

Accreditations



ISO/IEC 17025



Associations



Roof Coating
 Manufacturers
 Association

Date: April 3, 2006
 "Revised" November 14, 2006

Sample: Received June 13, 2005 Logged
 in as MTi-050485

Testing Provided: Analysis of a water based
 below grade waterproofing
 coating for compliance with the
 performance requirements of
 ICC AC-29 acceptance criteria.

Testing Dates: June 29, 2005 – Nov. 14, 2006

Sample Selection: Samples were selected by a
 representative of the Standards
 Institution of Israel in accordance
 with section 3.1 of AC-85.

Project ID: DX29F5A

1.0 Hydrostatic Pressure over Cracks

By: Table 1 of ICC AC-29 (Feb. 2004) - ASTM C 1306

Sample Thickness: 60 ± 5 mils

Width of crack: 1/16 inch

ICC Requirement: Fifty percent of lowest value achieved

	<u>Sample</u>	<u>Result</u>
Rapid Test	1	26 psig
Long Term	1	45 psig
	2	20 psig
	3	25 psig
	4	25 psig
	5	15 psig
	Average	26 psig

Result: Elastopaz achieves a value of 13 psig (50% of lowest value achieved) for the rapid test in accordance with ICC AC-29, Table 1 (ASTM C1306).
Elastopaz achieves a value of 13 psig (50% of lowest value achieved) for the Long Term test in accordance with ICC AC-29, Table 1 (ASTM C1306).

2.0 Low-Temperature Flexibility and Crack Bridging -

By: Table 1 of ICC AC-29 (Feb. 2004) - ASTM C836, Section 6.7

Temperature of test: The testing was conducted at -26°C .

ICC Requirement: No Cracking or loss of adhesion

<u>Sample</u>	<u>Result</u>
1	Pass
2	Pass
3	Pass
4	Pass
5	Pass

Result: Elastopaz exhibited no cracking or loss of adhesion when tested in accordance with ASTM C836.

3.0 Adhesion Strength to Poured Cement

By: Table 1 of ICC AC-29 (Feb. 2004) - ASTM C836, Section 6.10

Requirement: 1 lbf/in. on surfaces desired

<u>Sample</u>	<u>Result</u>
1	1.867 lbf/in.
2	1.382 lbf/in.
3	0.997 lbf/in.

Average 1.415 lbf/in.

Result: Elastopaz meets the requirements of ICC AC-29, Table 1 (ASTM C836, Section 6.10) for adhesion strength to poured cement.

3.1 Adhesion Strength to Masonry (unparged)

By: Table 1 of ICC AC-29 (Feb. 2004) - ASTM C836, Section 6.10

Requirement: 1 lbf/in. on surfaces desired

<u>Sample</u>	<u>Result</u>
1	1.581 lbf/in.
2	1.431 lbf/in.
3	1.004 lbf/in.

Average 1.338 lbf/in.

Result: Elastopaz meets the requirements of ICC AC-29, Table 1 (ASTM C836, Section 6.10) for adhesion strength to Masonry.

4.0 Resistance to Water

By: Table 1 of ICC AC-29 (Feb. 2004) ASTM D2939, Section 15

Requirement: No Blistering or Reemulsification

<u>Sample</u>	<u>Result</u>
1	No Blistering or Reemulsification
2	No Blistering or Reemulsification
3	No Blistering or Reemulsification

Result: Elastopaz meets the requirements of ICC AC-29, Table 1 (ASTM D2939, Section 15) for resistance to water.

5.0 Remain in place during application

By: Table 1 of ICC AC-29 (Feb. 2004) - ASTM C836, Section 6.9

Thickness of Testing: Sample was tested at a wet thickness of 95 mils.

ICC Requirement: As recommended by manufacturer \pm 5 mils

Result: Elastopaz meets the requirements of ICC AC-29, Table 1 (ASTM D2939, Section 15) for the ability to remain in place during application. The final thickness after 24 hours was 65 mils.

6.0 Water Vapor Permeance

By: Table 1 of ICC AC-29 (Feb. 2004) - ASTM E96, Water Method

Requirement: Maximum 1 perm

<u>Sample</u>	<u>Result</u>
1	0.44 perms
2	0.48 perms
3	0.43 perms
Average	0.45 perms

Result: Elastopaz meets the requirements of ICC AC-29, Table 1 (ASTM E96, Water Method) for Water Vapor Permeance.

7.0 Extensibility after heat aging

By: Table 1 of ICC AC-29 (Feb. 2004) - ASTM C836, Section 6.12

ICC Requirement: ¼ inch, no cracking

<u>Sample</u>	<u>Result</u>
1	Pass ¼ inch with no cracking
2	Pass ¼ inch with no cracking
3	Pass ¼ inch with no cracking

Result: Elastopaz meets the requirements of AC 29, Table 1 (ASTM C836, Section 6.12) for extensibility after heat aging.

Conclusion: Elastopaz meets the requirements of ICC AC-29 Table 1 for the acceptance criteria of a below-grade waterproofing material.



Verified by
David W. Dunn
Laboratory Manager



Tested by
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Laboratory Technician