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Physical Testing for: Pazkar Limited
 For Accreditation by: ICC AC-29 effective March 1, 2004
 Sample ID: Rapidflex
 TX29F5A

Final Test Report

Accreditations



ISO/IEC 17025



Associations



Roof Coating
 Manufacturers
 Association

Date: September 9, 2005

Sample: Received June 13, 2005 Logged in as MTi-050480

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

Testing Dates: June 29, 2005 – September 5, 2005

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

Project ID: TX29F5A

1.0 Hydrostatic Pressure over Cracks

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

Sample Thickness: 128 ± 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	25.0 psig
Long Term	1	17.5 psig
	2	18.5 psig
	3	20.0 psig

Result: RapidFlex achieves a value of 25.0psig for the rapid test in accordance with
ICC AC-29, Table 1 (ASTM C1306). RapidFlex achieves a value of 8.75 psig 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: RapidFlex 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	7.156 lbf/in.
2	8.554 lbf/in.
3	8.590 lbf/in.
Average	8.100 lbf/in.

Result: RapidFlex 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	3.291 lbf/in.
2	2.275 lbf/in.
3	2.272 lbf/in.
Average	2.612 lbf/in.

Result: RapidFlex 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: RapidFlex 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 240 mils.

ICC Requirement: As recommended by manufacturer \pm 5 mils

Result: RapidFlex 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 240 mils Dry. Note: Rapid Flex Accelerator was used to immediately cure this sample according to the manufacturer's directions.

6.0 Water Vapor Permeance

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

Requirement: Maximum 1 perm

	1	<u>Sample</u>	<u>Result</u>
	1	0.37 perms	
	2	0.35 perms	
	3	0.34 perms	
Average	0.35 perms		

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

Conclusion: The completed testing shows that
RapidFlex passes the requirements of
ICC AC-29, Table 1 .



Verified by
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Tested by
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