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MateriaLab

Client Ref. : --

Report No. : 075231CN90033(1)

REPORT ON WATER PERMEABILITY TEST

Information Supplied by Client

Client	:	Master Proofer Company Limited
Project	:	Material Testing
Sample Description	:	Ø100mm Concrete Core with Construction Joint coated with Coral Flexible W889 and Labond A907 Net Mesh (Thickness 2.5mm)
Client Sample I.D.	:	--
Location of Drilled Core	:	50mm thick concrete panel with construction joint (Concrete grade 25/20)

Laboratory Information

Lab. Sample I.D.	:	CN90033/2
Sample Received	:	15 January 2009
Date Test Started	:	05 February 2009
Date Test Completed	:	17 March 2009
Diameter of Sample	:	0.1001 m
Thickness of Sample (L)	:	0.0518 m
Cross-Sectional Area (A)	:	0.0079 m^2
Test Method	:	In accordance with our in-house method ref. : CNMS-072

Test Results

Testing Pressure (bar)	Pressure Direction	Water Permeation of Sample	Coefficient of Permeability (m/s)
4.5	Front	No	#

Remark : # The specimen was inspected and no watermark or seepage was found.

Checked by: Kate Date: 6/4/09 Certified by: _____ Date: 6-4-09

Wong Tin Woon

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MateriaLab

Client Ref. : --

Report No. : 075231CN90033

REPORT ON WATER PERMEABILITY TEST

Information Supplied by Client

Client	:	Master Proofer Company Limited
Project	:	Material Testing
Sample Description	:	Ø100mm Concrete Core with Construction Joint coated with Coral Flexible W889 (Thickness 2mm)
Client Sample I.D.	:	--
Location of Drilled Core	:	50mm thick concrete panel with construction joint (Concrete grade 25/20)

Laboratory Information

Lab. Sample I.D.	:	CN90033/1
Sample Received	:	15 January 2009
Date Test Started	:	05 February 2009
Date Test Completed	:	12 February 2009
Diameter of Sample	:	0.1001 m
Thickness of Sample (L)	:	0.0513 m
Cross-Sectional Area (A)	:	0.0079 m^2
Test Method	:	In accordance with our in-house method ref. : CNMS-072

Test Results

Testing Pressure (bar)	Pressure Direction	Water Permeation of Sample	Coefficient of Permeability (m/s)
0.6	Front	No	#

Remark : # The specimen was inspected and no watermark or seepage was found.

Checked by: Kate Date: 6/4/09 Certified by: _____ Date: 6-4-09

Wong Tin Woon

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MateriaLab

Report No. : **040123RM40106(2)**

Client's Ref. : --

REPORT ON FLEXURAL STRENGTH OF MORTAR

Client : **Master Proofer Company Limited**
Project : **Material Testing**
Location : --
W/I No. : --
Sample Description : - Type : **Labond Coral W889 Flexible Cementitious Waterproofing Coating**
Source : --
Batch No. : --
Batch ID : **RM40106**
Nominal Dimension of Specimen : **25 x 25 x 100 mm**
Method of Compaction : **By hand**
Curing Regime : **27 ± 2 °C, 55 ± 5% RH**
Location of Sampling : **Concrete Lab. of MateriaLab**
Date Cast : **24-Apr-2004**
Date Received : **16-Mar-2004**
Date Tested : **22-May-2004**
Age at Test : **28** days
Test Method : **BS 6319 : Part 3 : 1983 (with modification see remark 1)**

Test Result

Specimen Identification	Dimensions of Failure Area (mm)	Mass of Specimen (g)	Maximum Load (N)	Flexural Strength (N/mm²)
RM40106/1D	**24.4 x 23.8**	**100.4**	**355**	**2.8**
RM40106/1E	**24.5 x 24.1**	**101.3**	**363**	**2.8**
RM40106/1F	**24.5 x 24.3**	**101.2**	**378**	**3.0**
			Mean	**2.8**

Remark : (1) The three test specimens instead of four specimens were tested.

Checked by : _____ Certified by : _____ Date : 7-6-2004

(Felix Chan/M.Q. Su/T.K. Cheung)

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MateriaLab

Report on Pull-off Test

Test method used : In-house Method Based on HKHA/MTS (02/04) Specification, Part D, Clause 2.1.15 (Method 1)

Information Supplied by Client

Client : Master Proofer Company Limited
Project : Material Testing
Location : --
Client sample ID : --
Type of the testing material : Labond Coral W889 Flexible Cementitious Waterproofing Coating Class : --
Age of the testing material at the time of pull-off test : 28 days

Laboratory Information

Description of pull-off tester : Dyna Z15
Description of dolly : Aluminium Dolly of 75 mm Diameter x 30 mm Thickness
Type of adhesive : Fast-set 4 Minutes Clear Epoxy

Date of testing : 22-May-2004 Tested by : T.W. Wong

Test Results

Laboratory sample ID : RM40106/3C
Measured Core diameter at the rupture face (mm) : 74.4
Core length after pull-off test (mm) : Max.: 2.0 Min.: 2.0
Thickness of the testing material after pull-off test (mm) : Max.: 2.0 Min.: 2.0
Failure load, F (N) : 3200
Bond strength (N/mm^2) : 0.7
Type of failure : 100% of failure plane was mortar failure.

Remark : The accuracy of the pull-off tester is within ± 4 % of the measured load in the range from 1.2 kN to 16 kN.

Checked by : MG Date : 7-6-04 Certified by : _____ Date : 7-6-2004
(M.Q. Su / T.K. Cheung)

香 港 標 準 及 檢 定 中 心
Hong Kong Standards and Testing Centre

Date : 2004-05-14
No. : HC151168

TEST REPORT

Applicant(Code:MAP007) : Master Proofer Co Ltd
Unit I 8/F On Ho Ind Bldg
17-19 Shing Wan Rd
Tai Wai NT

Description of Samples : One submitted sample said to be Labond Coral Flexible W889 Flexible cementitious waterpfoofing coating.
Reference No.: W889
Country of Origin: HK

Date Samples Received : 2004-05-03

Date Tested : 2004-05-12 to 2004-05-13

Investigation Requested : BS 6920: Part 1: 1996: Clause 8: The extraction of metals
Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water BS 6920: Part 1: 1996: Clause 8: The extraction of metals

Conclusions : The test results of the submitted sample **complied** with the specifications of BS 6920: Part 1: 1996: Clause 8: The extraction of metals.

Anne Chuah, CFD
For Chief Executive

THE HONG KONG STANDARDS AND TESTING CENTRE LTD.

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香 港 標 準 及 檢 定 中 心
Hong Kong Standards and Testing Centre

Date : 2004-05-14
No. : HC151168

TEST REPORT

Method(s) Used:

BS 6920: Part 1: 1996 and BS 6920: Section 2.6: 1996

Test Results:

Test Item(s)	Results (μg/L)	Max. allowable concentration# (μg/L)
1. Aluminium	<100	200
2. Antimony	<10	10
3. Arsenic	<10	50
4. Barium	<100	1000
5. Cadmium	<5	5
6. Chromium	<10	50
7. Iron	<100	200
8. Lead	<10	50
9. Manganese	<10	50
10. Mercury	<1	1
11. Nickel	<10	50
12. Selenium	<10	10
13. Silver	<10	10

Notes: # quoted from Table 1 of BS 6920: Part 1: 1996
< denotes less than
μg/L denotes microgram per Litre

******* End of Test Report *******

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