



## BEMAC LABORATORIES

A Subsidiary of Mahaffey Associates Pty Ltd ABN 90 001 629 036  
4 Mary Parade Rydalmere NSW 2116  
PO Box 349 Rydalmere BC NSW 1701  
Phone: (02) 9684 2422 Fax: (02) 9684 2310  
Email: Bemac@mahaffey.com.au

## Test Report

**Client:** Designer Concrete Coating  
**Project (1):** Not Advised

This Laboratory is accredited by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation. Accreditation No.: 1393.



**Report No.:** 30652

**Date Cast (2):** 05/04/2003  
**Date Received:** 07/04/2003  
**BEMAC Job No.:** 8072

**Test Type:** Determination of Compressive Strength of Concrete Specimens

Sample No. (Client) (3)	Sample No. (BEMAC)	Date Tested	Age When Tested (Days) (4)	Duration of Moist Curing (Days)	Average Dimension (mm)	Compressive Strength (MPa)	Mass Per Unit Volume (kg/cu.m)
1	56211	14/04/2003	7	0	51	32.0	1900
2	56212	14/04/2003	7	0	50	35.0	1880
3	56635	14/04/2003	7	0	50	31.5	1920

Samples cast by others. Information supplied by Client denoted as follows: (1) (2) (3) (4)  
Tested in accordance with AS 1012 Parts 9 and 12 (Method 1), except that samples were cubes, not cylinders as required by Part 9  
Duration of Standard Curing refers to curing in this Laboratory in accordance with AS 1012 Part 8 (Standard Temperature Zone).  
Compressive Strength results quoted to the nearest 0.5 MPa  
Mass Per Unit Volume results quoted to the nearest 20 kg/cu.m  
Nominal Sample Size: 50mm cube  
The moisture condition of the samples at the time of test was As Received

**Comments:** Nil

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**Signed:**

D J Wilmshurst  
07/05/2003



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## Test Report

**Client:** Designer Concrete Coating

**Project (I):** Not Advised

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**Report No.:** 30656

**Date Cast (2):** 08/04/2003

**Date Received:** 08/04/2003

**BEMAC Job No.:** 8072

**Test Type:** Determination of Compressive Strength of Concrete Specimens

Sample No. (Client) (3)	Sample No. (BEMAC)	Date Tested	Age When Tested (Days) (4)	Duration of Moist Curing (Days)	Average Dimension (mm)	Compressive Strength (MPa)	Mass Per Unit Volume (kg/cu.m)
7	56218	22/04/2003	14	0	50	38.5	1940
8	56304	22/04/2003	14	0	51	36.0	1920
9	56305	22/04/2003	14	0	50	33.5	1880

Samples cast by others. Information supplied by Client denoted as follows: (1) (2) (3) (4)  
Tested in accordance with AS 1012 Parts 9 and 12 (Method 1), except that samples were cubes, not cylinders as required by Part 9  
Duration of Standard Curing refers to curing in this Laboratory in accordance with AS 1012 Part 8 (Standard Temperature Zone).  
Compressive Strength results quoted to the nearest 0.5 MPa  
Mass Per Unit Volume results quoted to the nearest 20 kg/cu.m  
Nominal Sample Size: 50mm cube  
The moisture condition of the samples at the time of test was As Received

**Comments:** No apparent defects

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28/04/2003



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## Test Report

**Client:** Designer Concrete Coating  
**Project (1):** Not Advised

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**Report No.:** 30654

**Date Cast (2):** 05/04/2003  
**Date Received:** 07/04/2003  
**BEMAC Job No.:** 8072

**Test Type:** Determination of Compressive Strength of Concrete Specimens

Sample No. (Client) (3)	Sample No. (BEMAC)	Date Tested	Age When Tested (Days) (4)	Duration of Moist Curing (Days)	Average Dimension (mm)	Compressive Strength (MPa)	Mass Per Unit Volume (kg/cu.m)
5	56215	05/05/2003	28	0	50	41.5	1900
6	56216	05/05/2003	28	0	51	37.5	1900
7	56303	05/05/2003	28	0	52	38.0	1880

Samples cast by others. Information supplied by Client denoted as follows: (1) (2) (3) (4)  
Tested in accordance with AS 1012 Parts 9 and 12 (Method 1), except that samples were cubes, not cylinders as required by Part 9  
Duration of Standard Curing refers to curing in this Laboratory in accordance with AS 1012 Part 8 (Standard Temperature Zone).  
Compressive Strength results quoted to the nearest 0.5 MPa  
Mass Per Unit Volume results quoted to the nearest 20 kg/cu.m  
Nominal Sample Size: 50mm cube  
The moisture condition of the samples at the time of test was As Received

**Comments:** No apparent defects

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14/05/2003



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### Test Report

Report No.: 30651

**Client:** Designer Concrete Coating  
**Project(1):** Sealer Coating

**Unit Type:** Colour Hardener  
**Material:** Colour Hardener  
**Texture of Wearing Surface:** Smooth

**BEMAC Job No.:** 8038  
**Sampling Date (2):** 10/04/2003  
**Test Date:** 14/03/2003  
**Manufacture Date (3):** 16/04/2003  
**Sampling Location (4):** Designer Concrete

**Test Type:** Determining Abrasion Resistance

Sample No. (Client)	Sample No. (BEMAC)	Abrasion Index
1	56195	0.16
2	56196	0.16
3	56197	0.11
4	56198	0.11
5	56199	0.21
6	56200	0.16
7	56201	0.16
8	56202	0.16
9	56203	0.16
10	56204	0.21
11	56205	0.11
12	56206	0.11
13	56207	0.11
14	56208	0.11
15	56209	0.11
16	56210	0.11

Mean Abrasion Index = 0.1

Unbiased Standard Deviation = 0.0

Information supplied by Client denoted as follows: (1) (2) (3) (4)

Tested in accordance with AS/NZS 4456.9-1997

**Comments:** Nil

Signed:

D J Wilmshurst  
04/04/2003

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**Report No.: 35771**

**Test Report**

<b>Client:</b>	Designer Concrete Coatings		<b>BEMAC Job No.:</b>	8690
<b>Job:</b>	Presbyterian Ladies College Indoor Pool and Performing Arts Centre, Croydon		<b>Sampled By:</b>	Client
<b>Material:</b>	Colour Hardener <i>R/S</i>		<b>Sampling Date:</b>	Not Advised
<b>Specimens:</b>	300mm square sample		<b>Test Date:</b>	29/04/2005
<b>Test:</b>	AS/NZS 4586 - 2003:	Slip Resistance Classification of New Pedestrian Surfaces:	<b>Fixed / Unfixed Specimens:</b>	Unfixed
	Appendix A	Wet Pendulum Test Method	<b>Surface Preparation:</b>	Nil
<b>Slider Material:</b>	4S Rubber Slider		<b>Test Location:</b>	Laboratory

Specimen No.	Slope (Direction of Test)		Temperature (Deg C)	Mean British Pendulum Number	Surface Class	Contribution to the Risk of Slipping When Wet
	Deg	%				
1	0	0	23	43	W	Low
2	0	0	23	43		
3	0	0	23	54		
4	0	0	23	54		
5	0	0	23	53		
<i>Means Results for all specimens</i>				<b>49</b>		

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Signed: *D. Mahaffey*  
 D. Mahaffey  
 02/05/2005