



REPORT NUMBER SY105

SLIP RESISTANCE CLASSIFICATION
OF NEW PEDESTRIAN SURFACE MATERIALS
APPENDIX A: WET PENDULUM TEST.
TO AS/NZS 4586:1999
OBECO GLASS BLOCKS.

In Confidence to:

Obeco Glass Blocks

February 2000



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Building Construction and Engineering, Riverside Corporate Park, Delhi Road, N.Ryde, NSW 2113, Australia. Telephone: 61 2 9934 3444 Facsimile: 61 2 9934 3555 Web: <http://www.dbce.csiro.au>

CONSOLIDATED TILING SERVICES

8 February 2006
Our Ref. EN13 / 560

TEST REPORT No. SY105

Requested by: Obeco Glass Blocks
on (date): 3 February 2000
Manufacturer:
Product Desc.: LUXBLOCK FLOORLIGHT R230/B191 Etched Glass Blocks in a Concrete Block

Sampling details:
Where: Delivered
Date: 7 February 2000
By whom: Client
How (methods): N/A

The results reported relate only to the sample(s) tested.

No responsibility is taken for the accuracy of the sampling unless it is done under our own supervision

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This test report consists of 4 pages

SUMMARY OF SLIP RESISTANCE TESTS PERFORMED:

		Result	Class
AS/NZS 4586:1999	Slip resistance classification of new pedestrian surface materials		
	Appendix A: WET Pendulum (Four S). Mean BNP:	55	V
	Appendix B: DRY (FFT). Mean COF:	0.65	F
	Appendix A,B: Dual classification:		VF



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SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

WET PENDULUM TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:1999 (Appendix A)

Test Date: 8 February 2000

RESULTS: Location: North Ryde Slip Resistance Laboratory Rubber used: Four S
Sample: Unfixed
Cleaning: Ethanol
Temperature: 21°C

Pendulum Tester:

	Specimen				
	1	2	3	4	5
Last 3 swings	56	57	53	55	54
	56	57	53	55	54
	56	57	53	55	54
Averages	56	57	53	55	54

Mean BPN : 55

CLASS :

V

This product also passes the wet slip resistance requirements of AS/NZS 3661.1: 1993.

Interpretation of class

Contribution of the floor surface to risk of slipping when wet = Very low



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SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

DRY FLOOR FRICTION TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:1999 (Appendix B)

Test Date: 8 February 2000

RESULTS Location: North Ryde Slip Resistance Laboratory Rubber Type: Four S
Sample Sample Unfixed
Cleaning: Ethanol
Temperature: 21°C
FFT measurements taken over several passes

FFT Tester:

	Run 1.	Run 2.
1	0.62	0.60
2	0.63	0.72
3	0.62	0.68
4	0.64	0.62
5	0.72	0.54

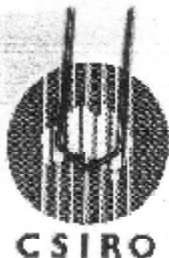
Average 1: 0.65 Average 2: 0.63 Mean COF: 0.64

According to AS/NZS 4586 the Dry Coefficient of Friction shall be reported as:
(mean rounded to the nearest 0.05)

0.65

CLASS :

F



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Date and Place 8 February 2006, North Ryde, NSW

Name(s), Title(s) and Signature(s):

A handwritten signature in cursive script, appearing to read "Mike King".

MIKE KING
LABORATORY MANAGER

A handwritten signature in cursive script, appearing to read "Dr. Rajam Sankaran".

Dr. RAJAM SANKARAN
PROJECT LEADER