



# Infrastructure Technology

Manufacturing Flagship, 14 Julius Ave (Riverside Corp. Park), North Ryde, NSW, 2113, Australia  
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Registered Testing Authority - CSIRO

10 December 2014

Our Ref. ES13 / 2371 03/0212

## TEST REPORT No. SY7230

Requested by: Eco Flooring Systems  
Unit 8, 12-18 Victoria street East  
Lidcombe, NSW 2141  
AUSTRALIA

on (date): 21 November 2014

Manufacturer:

Product Desc.: UV coated BT Stand Woven Bamboo, COFFEE COLOUR, 1850 x 130 x 14 mm

Sampling details:

Where: Delivered

Date: 24 November 2014

By whom: Courier

How (methods): N/A

The results reported relate only to the sample(s) tested and the information received. No responsibility is taken for the accuracy of the sampling unless it is done under our own supervision. CSIRO cannot accept responsibility for deviations in the manufactured quality and performance of the product. While CSIRO takes care in preparing the reports it provides to clients, it does not warrant that the information in this particular report will be free of errors or omissions or that it will be suitable for the client's purposes. CSIRO will not be responsible for the results of any actions taken by the client or any other person on the basis of the information contained in the report or any opinions expressed in it. The reproduction of this test report is only authorised in the form of a complete photographic facsimile. Our written approval is necessary for any partial reproduction.

This test report consists of 4 pages

### SUMMARY OF SLIP RESISTANCE TESTS PERFORMED:

		Result	Class
AS 4586:2013	Slip resistance classification of new pedestrian surface materials		
	Appendix A: WET Pendulum (Slider 96). Mean SRV:	27	P2 (Y*)
	Appendix B: DRY (FFT). Mean COF:	0.40	D1 (F*)
	Appendix A,B: Dual classification:		P2 (Y*),D1 (F*)

(\*) = AS 4568:2004 classification

In order to interpret the classifications, please refer to Standards Australia Handbook 198, An Introductory Guide to the Slip Resistance of Pedestrian Surface Materials, which recommends minimum classifications for a wide variety of locations.

It is important to realise that test results obtained on unused factory-fresh samples may not be directly applicable in service, where proprietary surface coatings, contamination, wear and subsequent cleaning all influence the behaviour of the pedestrian surface.



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ISSUE DATE: 10 December 2014  
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**SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS**

**WET PENDULUM TEST METHOD**

TEST CARRIED OUT IN ACCORDANCE WITH  
AS 4586:2013 (Appendix A)

Test Date: 10 December 2014

RESULTS: Location: North Ryde Slip Resistance Laboratory Slider used: 96  
Sample: Unfixed Conditioned with grade P400 paper, dry  
Cleaning: Acetone  
Temperature: 23°C

Pendulum Friction Tester: Stanley (S/N: 7829, calibrated 15/04/2014)  
Test conducted by: Babak Navak

	Specimen				
	1	2	3	4	5
<b>Last 3 swings (BPN)</b>	28	25	28	29	28
	28	25	28	28	27
	28	25	27	28	27
<b>Averages</b>	28	25	28	28	27

**Mean SRV : 27**

**CLASS :**

**P2 (Y\*)**

( \*) = AS 4568:2004 classification



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**SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS**

**DRY FLOOR FRICTION TEST METHOD**

TEST CARRIED OUT IN ACCORDANCE WITH  
AS 4586:2013 (Appendix B)

Test Date: 10 December 2014

RESULTS Location: North Ryde Slip Resistance Laboratory Slider 96  
Sample Sample Unfixed Conditioned with grade P400 paper, dry  
Cleaning: Acetone  
Temperature: 23°C  
FFT measurements taken over 2 passes of 800mm each

Floor Friction Tester: Tortus Mk II (S/N: 244)  
Test conducted by: Babak Navak

**Run 1: Average COF: 0.41**  
**Run 2: Average COF: 0.42**  
**Mean COF: 0.42**

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

**0.40**

**CLASS :**

**D1 (F\*)**

(\*) = AS 4568:2004 classification



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Date and Place

10 December 2014, North Ryde, NSW

Name, Title and Digital Signature:

A digital signature in black ink, appearing to read "Babak Navak", is written over a semi-transparent grey circular watermark of the CSIRO logo.

**BABAK NAVAK**

**Materials Scientist**

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