



# Infrastructure Technologies

Gate 5, 2 Normanby Road Clayton VIC 3168, Australia

Telephone: 61 3 9545 2777 Web: <http://www.csiro.au>

Registered Testing Authority - CSIRO

10 February 2017

Our Ref. EN13 / 2410 03/0212

## TEST REPORT No. 7824.2

Requested by: Nolan.UDA Pty. Ltd.  
3 Bradford Street  
Alexandria  
NSW 2015  
on (date): 23 January 2017  
Manufacturer: Japan Toli  
Product Desc.: DC series

Sampling details:  
Where: At customer premises  
Date: 24 January 2017  
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 3 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:	74	P5

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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**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: 7 February 2017

RESULTS:	Location:	Slip Resistance Laboratory	Slider used: 96
	Sample:	Unfixed	Conditioned with grade P400 paper, dry
	Cleaning:	Dry el/static cloth	and Imperial Lapping Film Grade 3MIC, wet
	Temperature:	23.1°C	

Pendulum Friction Tester: ERM.030.002 (S/N: 9234, calibrated 24/04/2015)  
Test conducted by: Khanh Ho

	Specimen				
	1	2	3	4	5
<b>Last 3 swings (BPN)</b>	73	74	76	73	72
	74	74	76	73	72
	74	74	76	73	72
<b>Averages</b>	74	74	76	73	72
	<b>Mean SRV :</b>				<b>74</b>

**CLASS :**

**P5**

Comments:  
All carpet tile samples dry test



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Page 3 of 3

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Date and Place 10 February 2017, Clayton, Vic

Name, Title and Digital Signature:

A digital signature in black ink, appearing to read 'Khanh Ho', is overlaid on a semi-transparent grey circular watermark of the CSIRO logo.

**KHANH HO**  
**Technical Officer**  
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