



Registered Testing Authority - CSIRO

8 December 2019

Our Ref. EN13 / 2442 03/0212

TEST REPORT No. 8175

Requested by: FOSHAN CHARMA CERAMICS CO.,LTD

on (date): 8 November 2019
Manufacturer: FOSHAN CHARMA CERAMICS CO.,LTD
Product Desc.: C60451

Sampling details:

Where: Delivered
Date: 8 November 2019
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:	38	P3
	Appendix B: DRY (FFT). Mean COF:	0.85	D1
	Appendix A,B: Dual classification:		P3 ,D1

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: 10 November 2019

RESULTS:	Location:	Slip Resistance Laboratory	Slider used: 96
	Sample:	Unfixed	Conditioned with grade P400 paper, dry
	Cleaning:	Acetone	and Imperial Lapping Film Grade 3MIC, wet
	Temperature:	23.3°C	

Pendulum Friction Tester: Stanley (S/N: 0312, calibrated 03/06/2014)
Test conducted by: Khanh Ho

	Specimen				
	1	2	3	4	5
Last 3 swings (BPN)	36	35	35	37	38
	36	37	41	38	39
	40	34	40	38	37
Averages	36	37	38	38	38

Mean SRV : 38

CLASS :

P3

Where products are to be used in wet barefoot areas, it is more appropriate to test to Appendix C of AS 4586 (which is technically equivalent to DIN 51097).



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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 November 2019

RESULTS Location: Slip Resistance Laboratory Slider 96
Sample Sample Unfixed Conditioned with grade P400 paper, dry
Cleaning: Acetone
Temperature: 23.3°C
FFT measurements taken over 2 passes of 800mm each

Floor Friction Tester: Tortus Mk II (S/N: 224)
Test conducted by: Khanh Ho

Run 1: Average COF: 0.86
Run 2: Average COF: 0.84
Mean COF: 0.85

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

0.85

CLASS :

D1



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Date and Place 9 December 2019,Highett, Vic

Name, Title and Digital Signature:

A digital signature in black ink, appearing as a stylized cursive 'KH' followed by a horizontal line, overlaid on a faint, circular CSIRO logo watermark.

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