




TEST REPORT No. 8268

CSIRO ACCELERATED WEAR TEST (CAWT)

Date	23 August 2019		
Requested by	CREATIVE GRAPHIC SUPPLIES 22/1029 MANLY ROAD TINGALRA, QLD 4173		
Test Performed by	Khanh Ho		
Product Description	DULL POLISH FLOOR VINYL 200mic PVC TEXTURED.		
Manufacturer			
Photo			
Preparation	Deionised Water		
Abrasive Pad Used	Scotch Brite (SB) No. 96		
Test equipment	GARDCO Washability and Wear Tester (Linear) Model no. D12V Friction Boat 1000gms & 1000mm ²		
Comment:	<p>The potential wear factor of a tile in situ can be assessed by the CSIRO Accelerated Wear Test (CAWT). The test involves a number of revolutions of a wetted 3M Scotch Brite No.96 pad over the tile surface. The tile is initially tested to AS4856 Appendix A: Wet Pendulum test. One sample is then subjected to 500 revolutions of CAWT and then retested to Appendix A: Wet Pendulum test. Depending on the tile surface the wet pendulum classification may drop to a lower level. This is due to the scrubbing of the tile surface either removing the fine pinnacles on the tile structure or scrubbing the surface smooth. The CAWT is relevant for tiles that may have a high pedestrian traffic flow or vehicular traffic flow.</p>		
AS 4586:2013 Appendix A: Wet Pendulum	Mean SRV	Class	Date Tested
Slider 96, serial #: 87	45	P4	23/08/2019
Slider 55, serial #: 11	27	P2	23/08/2019



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CAWT TABLE

Revolutions	Pendulum Swings (Slider 96, serial #: 87)					Mean SRV (final 3 swings)	Pendulum Class
	1	2	3	4	5		
0	44	45	46	47	47	47	P4
100	46	47	48	48	49	48	P4
300	49	48	48	49	50	49	P4
500	46	46	47	48	48	48	P4

Revolutions	Pendulum Swings (Slider 55, serial #: 11)					Mean SRV (final 3 swings)	Pendulum Class
	1	2	3	4	5		
0	27	27	26	26	26	26	P2
100	38	36	36	36	36	36	P3
300	33	32	32	32	32	32	P2
500	31	31	31	31	31	31	P2

The results of the test relate only to the samples tested and any information provided by the client or approved third party. CSIRO does not accept responsibility for deviations in the manufactured quality and performance of the product. The testing method is used to measure the change in slip resistance within a controlled environment, and cannot be used to definitively predict the long term slip resistance / sustainability of the product. Other factors such as installation, maintenance, surface treatment, specific wear and contamination need to be considered when assessing changes in slip resistance. 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 within it. The reproduction of this test report is authorised only in the form of a complete photographic facsimile. Our written approval is necessary for any partial reproduction.

Date and Place :

23 August 2019,

Clayton, Vic

Name, Title and Digital Signature:

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