SLIPTEST AUSTRALIA PTY LTD ~ ABN 80 111 154 324

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SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS AS 4586 (2013) "Appendix A" (Wet Pendulum Method)

Report Prepared For:	A1 RUBBER			**Client Address:**	34 BINARY STREET YATALA QLD 4207			
Project:	IMPACT-TILE BLACK with GREY FLECK - 1X1m - Tested at Sliptest Laboratory - GAVEN SITE.							
Property Tested:	*Impact-Tile - Black with White Fleck*			**Date Tested:**	25.07.15	**Test Report No:**	**KO250715-1**	**Issue Date:** 25.07.15

Testing was carried out using the Wet Test Method, using Slider 55 (TRL) rubber slider, in accordance with Australian Standard AS 4586 Appendix A Slider was conditioned/prepared using P400 abrasive paper and 3 µm lapping film

Number of sites tested 1 **Test location**	**Test Surface No.**	**Surface Type**	**Surface Gradient Degrees**	**Type and extent of Cleaning Performed**	**Results of last three swings British Pendulum Number**			**Mean BPN Test**	**Slope Correction value (SCV)**	**Classification of Pedestrian surface materials according to the AS 4586 wet pendulum test**	**Comments**
Centre of Sample	1	Rubber Tile	<1.5	Water & Scrubbing	55	55	55	55	N/A	P5	
Top Right	2		<1.5	Water & Scrubbing	54	53	53	53	N/A		
Top Left	3		<1.5	Water & Scrubbing	55	55	55	55	N/A		
Lower Left	4		<1.5	Water & Scrubbing	54	54	54	54	N/A		
Diagonal	5		<1.5	Water & Scrubbing	56	55	55	55	N/A		

**** VARIATION TO STANDARDS - ONLY 1 SAMPLE TESTED****

Temperature:	**21 °C**	**Mean BPN Slip Resistance Value (SRV) before temperature adjustment**	**55**
Weather:	**Overcast**	**Temperature adjusted if applicable Mean BPN Slip Resistance Value (SRV) for (21°C)**	**55**

The above classifications are provided without Slope Correction Values

Reported mean value has been corrected +0 for temperature (21°C) as TRL rubber used for testing.

Testing Instrument: Munro Portable Skid Tester # 1133 Calibration Date: 27.08.13

Testing Officer & Signatory: Kathryn Ording

Fixed Test: Testing is performed in the anticipated direction of pedestrian travel

Unfixed Test : Testing is performed in the direction of least anticipated slip resistance

Sliptest Australia Pty Ltd
Materials Testing Laboratory - Accreditation number 15374
12 Blackbean Court ELANORA QLD 4221
Accredited for compliance with ISO/IEC 17025. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/National standards.

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SA HB 198:2014 TABLE 3A
MINIMUM WET PENDULUM TEST OR OIL-WET INCLINING PLATFORM
CLASSIFICATIONS THAT ARE DEEMED-TO-SATISFY THE BUILDING APPLICATIONS IN THE NCC

Location	*Pendulum / Ramp*

SA HB 198:2014 TABLE 3B
WET PENDULUM TEST OR OIL-WET INCLINING PLATFORM
CLASSIFICATIONS FOR APPLICATIONS WHERE THE NCC DOES NOT REQUIRE SLIP RESISTANCE

Location	*Pendulum / Ramp*

Ramp classes A, B & C are derived from the Wet Barefoot Test Method, whilst R9, R10, R11 & R12 are derived from the Oil-Wet Inclining Platform Test Method.

Notes:

P5 (V) P4 (W) P3 (X) P2 (Y) P1 (Z) P0 (Z)

AS 4586 (2013) Table 2		
Classification of pedestrian surface materials according to the wet pendulum test		
Class	Pendulum* SRV (see note 1)	
	Slider 96	Slider 55
P5	>54	>44
P4	45-54	40-44
P3	35-44	35-39
P2	25-34	20-34
P1	12- 24	<20
P0	<12	-

AS 4663 (2004) Table 1		
Interpretation of the wet pendulum results		
Pendulum* mean BPN		* Notional contribution of the floor surface to the risk of slipping when water wet
Four S rubber	TRL rubber	
>54	>44	Very Low
45-54	40-44	Low
35-44	-	Moderate
25-34	-	High
<25	-	Very High