

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: National Flooring Distributors Client Address: 13 Dulwich Street LOGANHOLME QLD 4129

Project: **SAMPLE OF :SOUNDLESS ACOUSTIC VINYL - LOOSE LAY**

Property Tested: *Soundless Acoustic Vinyl - Loose Lay* Date Tested: 18.06.15 Test Report No: **KO180615-7** Issue Date: 18.06.15


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 5	Test location	Test Surface No.	Surface Type	Surface Gradient Degrees	Type and extent of Cleaning Performed	Results of last three swings			Mean BPN Test	Slope Correction value (SCV)	Classification of Pedestrian surface materials according to the AS 4586 wet pendulum test	Comments
						British Pendulum Number						
	Plank 1	1	Vinyl Plank	<1.5	Water & Scrubbing	44	41	41	42	N/A	P4	
	Plank 2	2		<1.5	Water & Scrubbing	40	37	37	38	N/A		
	Plank 3	3		<1.5	Water & Scrubbing	40	39	39	39	N/A		
	Plank 4	4		<1.5	Water & Scrubbing	38	36	36	37	N/A		
	Plank 5	5		<1.5	Water & Scrubbing	44	41	41	42	N/A		

Temperature: 20 °C Mean BPN Slip Resistance Value (SRV) before temperature adjustment **40** The above classifications are provided without Slope Correction Values

Weather: Indoors Temperature adjusted if applicable Mean BPN Slip Resistance Value (SRV) for (20°C) **40** Reported mean value has been corrected +0 for temperature (20°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.



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:
Controlled Document TR 4663 4S version 12 25.06.2014

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

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	-

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
45-54	40-44	Low	
35-44	-	Moderate	
25-34	-	High	
<25	-	Very High	