



To: Commins Flooring Agency
From: Mark McKay
Date: 23rd April 2015
No of Pages: 4

Attention : Jarod Hainey

Our Reference: Sliptest Report number : 2204201512

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Dear Sir,

Many thanks for your instructions in regard to a wet slip test on site at **8-10 Loughlin St, Rozelle**. Please find herein, a copy of the applicable test report. On the readings shown, we advise that the test with SRV (BPN) readings of **31, 28, 29, 28** and **29**, has achieved an interpretation of the wet pendulum results of **P2 (Y)**. These results are reported in line the recommendations published in AS 4586 (2013) with reference to HB 198 (2014) which would suggest the following:

- The range is reported as P2 due to the range of readings obtained on this surface.
- SRV (BPN) readings of 25 to 34 (Type 96 rubber) suggests a High Contribution of the Floor Surface to the risk of slipping when water wet. (AS/NZS 4663(2004).
- Testing was carried out along the grain of the sample as this was deemed to have the lowest slip resistance value.
- **The results shown make no allowance for slope. Please refer to AS 4586:2013, for details.**

Please refer to the **Australian Standard AS 4586 & AS 4663 (2013)** for details. We have highlighted the areas of the tables following to allow you to compare your readings with the recommendations of the standard, a copy of table 3B of HB 198 is attached for your reference.

Sliptest NSW has performed this on site test with reference to the following Australian Standard testing criteria, of the standard as listed below, and HB 198: 2014

- **AS 4586:2013 Slip Resistance measurement of new pedestrian surfaces.**
- **Appendix A – Wet Pendulum Test Method.**
- **Testing performed using the Type 96 (4S) rubber slider material.**

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

Location	Wet pendulum test	Oil-wet inclining platform test
External Pavements and Ramps		
External ramps including sloping driveways, footpaths etc. steeper than 1 in 14.	P5	R12
External ramps including sloping driveways, footpaths etc. under 1:14, external sales areas (e.g. markets, external carpark areas, external colonnades, walkways, pedestrian crossings, balconies, verandahs, carports, driveways, courtyards and roof decks.	P4	R11
Undercover car parks	P3	R10
Hotels, Offices, Public Buildings, Schools and Kindergartens		
Entries and access areas including hotels, offices, public buildings, schools, kindergartens, common areas of public buildings, internal lift lobbies.		
Wet area	P3	R10
Transitional area	P2	R9
Dry area	P1 (see note 3)	R9
Toilet facilities in offices, hotels and shopping centres	P3	R10
Hotel apartment bathrooms, en suites and toilets	P2	A
Hotel apartment kitchens and laundries	P2	R9
Supermarkets and Shopping Centres		
Fast food outlets, buffet food servery areas, food courts and fast food dining areas in shopping centres	P3	R10
Shop and supermarket fresh fruit and vegetable areas	P3	R10
Shop entry with external entrance	P3	R10
Supermarket aisles (except fresh food areas)	P1 (see note 3)	R9
Other separate shops inside shopping centres – wet	P3	R10
Other separate shops inside shopping centres – dry	P1 (see note 3)	R9
Loading Docks, Commercial Kitchens, Cold Stores, Serving Areas		
Loading docks under cover and commercial kitchens	P5	R12
Serving areas behind bars in public hotels and clubs, cold stores and freezers	P4	R11
Swimming Pools and Sporting Facilities		
Swimming pool ramps and stairs leading to water	P5	C
Swimming pool surrounds and communal shower rooms	P4	B
Communal changing rooms	P3	A
Undercover concourse area of sports stadium	P3	R10
Hospitals and Aged Care Facilities		
Bathrooms and en suites in hospitals and aged care facilities	P3	B
Wards and corridors in hospital and aged care facilities	P2	R9

AS/NZS 4663 (2004) Table 1

Interpretation of the wet pendulum results

AS 4586 (2013) Table 2

Classification of pedestrian surface materials according to the wet pendulum test

* Pendulum Mean BPN		* Notional contribution of the floor surface to the risk of slipping when water wet
Type 96 (4S) rubber	Type 55 (TRL) rubber	
>54	>44	Very Low
45-54	40-44	Low
35-44	-	Moderate
25-34	-	High
<25	-	Very High

Class 2004 Standard	Class 2013 Standard	Pendulum mean BPN	
		Type 96 (4S)	Type 55 (TRL)
V	P5	>54	>44
W	P4	45-54	40-44
X	P3	35-44	35-39
Y	P2	25-34	20-34
Z	P1	12-24	<20
	P0	<12	-

* The term Notional has been used to highlight the need to consider all potential contributing factors to a slip incident.

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Yours faithfully,



MARK MCKAY
SLIPTEST NSW

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Photos Re: Sliptest carried out at 8-10 Loughlin St Rozelle..

Dated: 22nd April 2015

Test Site 1/. SRV 31

Test Site 2/. SRV 28

Test Site 3/. SRV 29

Test Site 4/. SRV 28

Test Site 5/. SRV 29

