

Table 3B

WET PENDULUM TEST OR OIL-WET INCLINING PLATFORM CLASSIFICATIONS FOR APPLICATIONS WHERE THE NCC DOES NOT REQUIRE SLIP RESISTANCE

Location	Wet pendulum test	Corian® Result Pass (Y/N)	Oil-wet inclining platform test	Corian® Result Pass (Y/N)
<b>External Pavements and Ramps</b>				
External ramps including sloping driveways, footpaths etc. steeper than 1 in 14	P5	No	R12	No
External ramps including sloping driveways, footpaths etc, under 1:14, external sales areas (eg markets), external carpark areas, external colonnades, walkways, pedestrian crossings, balconies, verandas, carports, driveways, courtyards and roof decks	P4	Yes	R11	No
Undercover carparks	P3	Yes	R10	No
<b>Hotels, Offices, Public Buildings, Schools and Kindergartens</b>				
Entries and access areas including hotels, offices, public buildings, schools, kindergartens, common areas of public buildings, internal lift lobbies				
Wet Area	P3	Yes	R10	No
Transitional area	P2	Yes	R9	Yes
Dry Area	P1 (see Note 3)	Yes	R9	Yes
Toilet facilities in offices, hotels and shopping centres	P3	Yes	R10	No
Hotel apartment bathrooms, en suites and toilets	P2	Yes	A	Yes
Hotel apartment kitchens and laundries	P2	Yes	R9	Yes
<b>Supermarkets and Shopping Centres</b>				
Fast food outlets, buffet food servery areas, food courts and fast food dining areas in shopping centres	P3	Yes	R10	No
Shop and supermarket fresh fruit and vegetable areas	P3	Yes	R10	No
Shop entry areas with external entrances	P3	Yes	R10	No
Supermarket aisles (except fresh food areas)	P1 (see Note 3)	Yes	R9	Yes
Other separate shops inside shopping centres – wet	P3	Yes	R10	No
Other separate shops inside shopping centres - dry	P1 (see Note 3)	Yes	R9	Yes
<b>Loading Docks, Commercial Kitchens, Cold Stores, Serving Areas</b>				
Loading docks under cover and commercial kitchens	P5	No	R12	No
Serving areas behind bars in public hotels and clubs, cold stores and freezers	P4	Yes	R11	No
<b>Swimming Pools and Sporting Facilities</b>				
Swimming pool ramps and stairs leading to water	P5	No	C	No
Swimming pool surrounds and communal shower rooms	P4	Yes	B	No
Communal changing rooms	P3	Yes	A	Yes
Undercover concourse areas of sports stadiums	P3	Yes	R10	No
<b>Hospitals and Aged Care Facilities</b>				
Bathrooms and en suites in hospitals and aged care facilities	P3	Yes	B	No
Wards and corridors in hospital and aged care facilities	P2	Yes	R9	Yes

Table 3A

MINIMUM WET PENDULUM TEST OR OIL-WET INCLINING PLATFORM CLASSIFICATIONS THAT ARE DEEMED TO SATISFY THE BUILDING APPLICATIONS IN THE NCC

<b>Stair Treads and Stairway Landings in Buildings Covered by NCC Volumes One and Two</b> Stair treads and stairway landing (when dry) Stair treads and stairway landing (when wet)	P3	Yes	R10	No
	P4	Yes	R11	No
<b>Nosings for Stair Treads and Stairway Landings in Buildings Covered by NCC Volumes One and Two</b> Dry stair tread, a stair non-skid nosing strip and a stairway landing Wet stair tread, a stair non-skid nosing strip and a stairway landing	P3	Yes		
	P4	Yes		
<b>Ramps in Buildings Covered by NCC Volumes One and Two</b> Ramps not steeper than 1:14 gradient (when dry) Ramps not steeper than 1:14 gradient (when wet) Ramps not steeper than 1:14 up but not steeper than 1:8 (when dry) Ramps not steeper than 1:14 up but not steeper than 1:8 (when wet)	P3	Yes	R10	No
	P4	Yes	R11	No
	P4	Yes	R11	No
	P5	No	R12	No

**Note: NCC compliance is demonstrated by achieving the values set out in this table for either the wet pendulum test or the oil-wet inclining ramp test. It is not necessary to meet both criteria.**

<p style="text-align: center;"><b>Table 5</b> Classification of Pedestrian Surface Materials According To the Oil-Wet Inclining Platform Test</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Classification</th> <th>Angle, Degrees</th> </tr> </thead> <tbody> <tr> <td>No Classification</td> <td>&lt;6</td> </tr> <tr> <td><b>R9 (Corian® result)</b></td> <td>≥6&lt;10</td> </tr> <tr> <td>R10</td> <td>≥10&lt;19</td> </tr> <tr> <td>R11</td> <td>≥19&lt;27</td> </tr> <tr> <td>R12</td> <td>≥27&lt;35</td> </tr> <tr> <td>R13</td> <td>≥35</td> </tr> </tbody> </table> <p style="text-align: center;"><b>Table 4</b> Classification of Pedestrian Surface Materials According to the Wet-Barefoot Inclining Platform Test</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Classification</th> <th>Angle, Degrees</th> </tr> </thead> <tbody> <tr> <td>No Classification</td> <td>&lt;<sub>barefoot</sub> Verification Surface A</td> </tr> <tr> <td><b>A (Corian® result)</b></td> <td>&gt;<sub>barefoot</sub> Verification Surface A &lt;<sub>barefoot</sub> Verification Surface B</td> </tr> <tr> <td>B</td> <td>≥<sub>barefoot</sub> Verification Surface B &lt;<sub>barefoot</sub> Verification Surface C</td> </tr> <tr> <td>C</td> <td>≥<sub>barefoot</sub> Verification Surface C</td> </tr> </tbody> </table>	Classification	Angle, Degrees	No Classification	<6	<b>R9 (Corian® result)</b>	≥6<10	R10	≥10<19	R11	≥19<27	R12	≥27<35	R13	≥35	Classification	Angle, Degrees	No Classification	< <sub>barefoot</sub> Verification Surface A	<b>A (Corian® result)</b>	> <sub>barefoot</sub> Verification Surface A < <sub>barefoot</sub> Verification Surface B	B	≥ <sub>barefoot</sub> Verification Surface B < <sub>barefoot</sub> Verification Surface C	C	≥ <sub>barefoot</sub> Verification Surface C	<p style="text-align: center;"><b>Table 2</b> Classification of Pedestrian Surface Materials According To the AS4586 Wet Pendulum Test</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">Class</th> <th colspan="2">Pendulum SRV (see Note 1)</th> </tr> <tr> <th>Slider 96</th> <th>Slider 55</th> </tr> </thead> <tbody> <tr> <td>P5</td> <td>&gt;54</td> <td>&gt;44</td> </tr> <tr> <td><b>P4 (Corian® result)</b></td> <td>45-54</td> <td>40-44</td> </tr> <tr> <td>P3</td> <td>35-44</td> <td>35-39</td> </tr> <tr> <td>P2</td> <td>25-34</td> <td>20-34</td> </tr> <tr> <td>P1</td> <td>12-24</td> <td>&lt;20</td> </tr> <tr> <td>P0</td> <td>&lt;12</td> <td></td> </tr> </tbody> </table> <p style="text-align: center;"><b>Table 3</b> Classification of Pedestrian Surface Materials According to the Dry Floor Friction Test</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Classification</th> <th>Floor friction tester mean value</th> </tr> </thead> <tbody> <tr> <td><b>D1 (Corian® result)</b></td> <td>≥0.40</td> </tr> <tr> <td>D0</td> <td>&lt;0.40</td> </tr> </tbody> </table>	Class	Pendulum SRV (see Note 1)		Slider 96	Slider 55	P5	>54	>44	<b>P4 (Corian® result)</b>	45-54	40-44	P3	35-44	35-39	P2	25-34	20-34	P1	12-24	<20	P0	<12		Classification	Floor friction tester mean value	<b>D1 (Corian® result)</b>	≥0.40	D0	<0.40
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Reference documents:

1. Infrastructure Technologies (CSIRO Services) Slips, Surfaces and Waterproof Membranes
2. CSIRO Test Report, DuPont Corian® November, 2014

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