

## APPENDIX 6 - SLIP RESISTANCE TESTING AND PERFORMANCE

### AQUATIC FACILITY SURFACES

Table 11 has been adapted from HB 197 - 1999; *An introductory guide to the slip resistance of pedestrian surface materials*. Column 1 details the range of surfaces that should be modified to maintain a slip resistive surface.

Common surfaces within Aquatic Facilities have been placed into categories as detailed in Column 2, and each Category should then comply with the angle of inclination as detailed in Column 3. The test to determine the surface performance and angle of inclination is the wet barefoot ramp test method from Appendix C AS 4586:2004 - *Slip resistance classification of new pedestrian surface materials*.

**Table 11 - Aquatic Facility Surface - Slip Resistance Performance Guide**

Column 1 Aquatic Facility Surfaces	Column 2 Slip Resistance Category	Column 3 Minimum Mean Angle of Inclination
<ul style="list-style-type: none"> <li>▪ Passages that are normally maintained in a dry condition, used by barefoot staff or patrons.</li> <li>▪ Individual and communal changing and locker rooms.</li> <li>▪ Water body floors where the water depth is greater than 1.0 metres.</li> </ul>	A	12°
<ul style="list-style-type: none"> <li>▪ Pool surrounds, concourse and bulkheads.</li> <li>▪ Passages that are normally maintained in a wet condition, used by barefoot staff or patrons.</li> <li>▪ Shower rooms.</li> <li>▪ Waterside shower facilities.</li> <li>▪ Water body floors where the water depth is less than 1.0 metres.</li> <li>▪ Non-swimmer sections of wave-action pools.</li> <li>▪ Lifting platforms.</li> <li>▪ Toddlers' paddling pools.</li> <li>▪ Ladders leading into water bodies.</li> <li>▪ Stairs leading into the water with a maximum width of 1m and handrails on both sides.</li> <li>▪ Ladders and stairs outside the pool area.</li> <li>▪ Seating and resting steps and benches.</li> </ul>	B	18°
<ul style="list-style-type: none"> <li>▪ Stairs leading into the water, if not classified in Group A or Group B.</li> <li>▪ Starting platform top surfaces.</li> <li>▪ Sloping pool edges.</li> </ul>	C	24°

[Table 11 amended 21 September 2009]