

# Floorsafe Australia Pty Ltd

## Slip Resistance of Rubber Inserts

Rubber Inserts		
AS 4586:2013 <sup>1</sup>		Suitable for locations that include: <sup>2 3</sup>
Classification	Slip Resistance Value - SRV	
P5	66 (61 – 71)	<ul style="list-style-type: none"> <li>• External Ramps including sloping driveways, footpaths etc., steeper than 1 in 14</li> <li>• External sales areas, external carpark areas, external colonnades, walkways, pedestrian crossings, balconies, verandas, carports, driveways, courtyards, and roof decks.</li> <li>• Loading docks undercover and commercial kitchens</li> <li>• Swimming pool ramps and stairs leading to water</li> <li>• Undercover concourse areas</li> <li>• Entries and access areas including hotels offices, public buildings, schools kindergartens, common areas of public buildings, internal lift lobbies – WET<sup>4</sup> areas</li> <li>• Shop entry areas with external entrances</li> </ul>

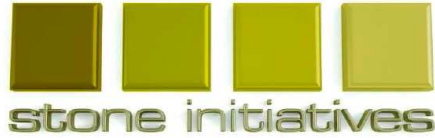
**Our reference:** FLO0315-1  
**Investigating officer:** Kate Tonkin  
**Issue Date:** 24 April 2015

James P Mann  
 Laboratory Manager



<sup>1</sup> Slip resistance was determined in accordance with Appendix A of AS 4586:2013 “Slip resistance classification of new pedestrian surface materials” using a Slider 96 (4S) rubber slider.  
<sup>2</sup> According to Table 3B of the Standards Australia Handbook HB198:2014 – “Guide to the specification and testing of slip resistance of pedestrian surfaces”  
<sup>3</sup> 5.2 of HB198 states: “The use of these values should be in the context of design, which also considers abnormal wear, maintenance, abnormal contamination, the presence (or otherwise) of water or other lubricants, the nature of the pedestrian traffic (including age, gait and crowding), the footwear (or lack thereof), slope lighting and handrails.”  
<sup>4</sup> According to HB198, *Wet areas* are, “...those areas that are not defined as a dry or transitional area, which may be either constantly or intermittently wet or otherwise contaminated.”

Stone Initiatives shall not be liable for loss, cost, damage or expense incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. The results relate only to the items tested.



## WET SLIP RESISTANCE (AS 4586:2013 APP A) Test Certificate

<b>TEST METHOD</b>	AS 4586:2013 Appendix A (Wet Pendulum)		
<b>TEST DATE</b>	17-Apr-15		
<b>CLIENT</b>	Floorsafe Australia Pty Ltd		
<b>OUR REFERENCE</b>	FLO0315-1		
<b>SAMPLE</b>	Rubber insert		
<b>SURFACE FINISH</b>	Rubber		
<b>SAMPLE ORIGIN</b>	Floorsafe Australia		
<b>SAMPLING DATE</b>	1/03/2015	<b>SAMPLE LOCATION</b>	Not Known
<b>NOMINAL SIZE</b>	50x600x3 mm		
<b>AIR TEMPERATURE</b>	20.0 °C	<b>TEST SITE</b>	SI Laboratory
<b>WEATHER</b>	Not Applicable		
<b>TEST TYPE</b>	Unfixed		
<b>ANGLE OF TEST</b>	Horizontal		
<b>SLIDER TYPE</b>	Slider 96	<b>SLIDER EXPIRY</b>	17-Oct-15
<b>SLIDER PREPARATION</b>	Slider passed 3x over 400 grit paper, 10x over 3mic lapping film.		
<b>SURFACE PREPARATION</b>	Washed with potable water and cloth		

Test Number	Orientation	BPN Readings	Mean
S8290	O424/1 Random	59, 60, 61, 60, 61	61
S8291	O424/2 Random	60, 62, 61, 62, 63	62
S8292	O424/3 Random	66, 64, 69, 70, 70	70
S8293	O424/4 Random	66, 67, 70, 71, 72	71
S8294	O424/5 Random	68, 70, 68, 68, 67	68

**MEAN Wet SLIP RESISTANCE VALUE (SRV): 66 ±2 (u95)**

**SLIP RESISTANCE CLASSIFICATION: P5**


*NOTE: The expanded measurement uncertainty values (u95) quoted in this report are at a confidence level of 95 % with a nominal coverage factor of 2. These values do not include any estimate of the effects associated with sampling.*

**COMMENTS/VARIATION**

**TESTED BY:** Kate Tonkin

**APPROVED SIGNATORY:**

**NAME:** James P Mann



**ISSUE DATE:** 23-Apr-15



*This report shall not be reproduced except in full without written approval of Stone Initiatives. Results relate only to the items tested.*

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.

Stone Initiatives and Materials Testing Group Pty Ltd  
2/19 Light Crescent, Mount Barker SA 5251  
[www.stonemtg.com.au](http://www.stonemtg.com.au)

ABN 82 462 051 744 | ACN 106 166 296  
P +61 (0) 8 8391 6844  
[info@stonemtg.com.au](mailto:info@stonemtg.com.au)