


# Floorsafe Australia Pty Ltd

## Slip Resistance of Metal RMN Safety Stair Tread

Metal RMN Safety Stair Tread		
AS 4586:2013 <sup>1</sup>		
Classification	Slip Resistance Value - SRV	Suitable for locations that include: <sup>2 3</sup>
P5	76 (73 – 79)	<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.”

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## 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>	Metal antislip strip / insert		
<b>SURFACE FINISH</b>	Polyurethane coating with #60 grade diamond oxide anti slip granules		
<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
S8275	O425/1 Random	79, 82, 79, 77, 76	77
S8276	O425/2 Random	79, 79, 79, 79, 80	79
S8277	O425/3 Random	74, 75, 74, 74, 75	74
S8278	O425/4 Random	76, 74, 73, 73, 73	73
S8279	O425/5 Random	76, 74, 74, 74, 76	75

**MEAN Wet SLIP RESISTANCE VALUE (SRV): 76 ±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:** 24-Apr-15

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