Floorsafe Australia Pty Ltd

Slip Resistance of Fibreglass Anti-Slip Strip / Insert

Fibreglass Anti-Slip Insert / Strip		
AS 4586:2013[1]		Suitable for locations that include: [2] [3]
Classification	Slip Resistance Value - SRV	
P5	71 (66 – 77)	• External Ramps including sloping driveways, footpaths etc., steeper than 1 in 14 • External sales areas, external carpark areas, external colonnades, walkways, pedestrian crossings, balconies, verandas, carports, driveways, courtyards, and roof decks. • Loading docks undercover and commercial kitchens • Swimming pool ramps and stairs leading to water • Undercover concourse areas • Entries and access areas including hotels offices, public buildings, schools kindergartens, common areas of public buildings, internal lift lobbies – WET[4] areas • Shop entry areas with external entrances

Our reference: FLO0315-1

Investigating officer: Kate Tonkin

Issue Date: 27 April 2015

James P Mann
Laboratory Manager

[1] 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.
[2] According to Table 3B of the Standards Australia Handbook HB198:2014 – "Guide to the specification and testing of slip resistance of pedestrian surfaces"
[3] 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."
[4] 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

TEST METHOD	AS 4586:2013 Appendix A (Wet Pendulum)		
TEST DATE	23-Apr-15		
CLIENT	Floorsafe Australia Pty Ltd		
OUR REFERENCE	FLO0315-1		
SAMPLE	Fibreglass anti-slip strip / insert		
SURFACE FINISH	#36 grade silicone carbide anti slip granule with polyurethane coating		
SAMPLE ORIGIN	Floorsafe Australia		
SAMPLING DATE	1/03/2015	**SAMPLE LOCATION**	Not Known
NOMINAL SIZE	50x600x3 mm		
AIR TEMPERATURE	20.0 °C	**TEST SITE**	SI Laboratory
WEATHER	Not Applicable		
TEST TYPE	Unfixed		
ANGLE OF TEST	Horizontal		
SLIDER TYPE	Slider 96	**SLIDER EXPIRY**	17-Oct-15
SLIDER PREPARATION	Slider passed 3x over 400 grit paper, 10x over 3mic lapping film.		
SURFACE PREPARATION	Washed with potable water and cloth		

Test Number	Orientation	BPN Readings	Mean
S8250	O426/1 Random Black	70, 70, 71, 69, 69	70
S8251	O426/2 Random Black	69, 68, 68, 67, 67	67
S8252	O426/3 Random Black	67, 66, 65, 66, 66	66
S8253	O426/4 Random Grey	73, 75, 76, 77, 78	77
S8254	O426/5 Random Grey	75, 76, 74, 77, 76	76

MEAN Wet SLIP RESISTANCE VALUE (SRV): **71** ±2 (u_{95})

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/VARIATIONS

TESTED BY: Kate Tonkin

APPROVED SIGNATORY:

NAME: James P Mann

ISSUE DATE: 27-Apr-15

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