Floorsafe Australia Pty Ltd

Slip Resistance of Stainless Concentric Ring Tactiles

Concentric Ring Tactiles		
AS 4586:2013[1]		Suitable for locations that include: [2] [3]
Classification	Slip Resistance Value - SRV	
P5	68 (65 – 71)	• 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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stone initiatives

WET SLIP RESISTANCE (AS 4586:2013 APP A)

Test Certificate

TEST METHOD	AS 4586:2013 Appendix A (Wet Pendulum)		
TEST DATE	24-Apr-15		
CLIENT	Floorsafe Australia Pty Ltd		
OUR REFERENCE	FLO0315-1		
SAMPLE	Concentric ring tactile T01- T03 T07 T08 T024 T025		
SURFACE FINISH	Stainless steel rings		
SAMPLE ORIGIN	Floorsafe Australia		
SAMPLING DATE	1/03/2015	**SAMPLE LOCATION**	Not Known
NOMINAL SIZE	35x35x5 mm		
AIR TEMPERATURE	20.0 ^{o} C	**TEST SITE**	SI Laboratory
WEATHER	Not Applicable		
TEST TYPE	Unfixed		
ANGLE OF TEST	Horizontal		
SLIDER TYPE	Slider 96	**SLIDER EXPIRY**	30-Jul-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
S8240	O413/1 Random	73, 72, 63, 66, 65, 64	65
S8241	O413/2 Random	69, 67, 66, 65, 67	66
S8242	O413/3 Random	58, 65, 65, 67, 67	66
S8243	O413/4 Random	63, 63, 69, 71, 71	70
S8244	O413/5 Random	66, 67, 68, 66, 71, 69, 72	71

MEAN Wet SLIP RESISTANCE VALUE (SRV): **68** **±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

ilac-MRA NATA Accreditation No. 15695

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.

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