Slip Check to AS 4586-2013

Steel Trowel Finished Concrete Sealer: Avista Concrete Sealer Waterbased

Report Number: R13960f
Report Date: 23 May 2017
Total Number of Pages 3

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Issued by

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Prepared for

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Test Report No. R13960f

Slip Resistance Classification of New Pedestrian Surface Materials

AS 4586-2013 Appendix A (Wet Pendulum Test)

The slip resistance classification has been determined for unused surfaces using specific conditions. Factors such as usage, cleaning systems, applied coatings and patterns of wear may affect the characteristics of the surface after classification. Standards Australia Handbook 198:2014 *Guide to the specification and testing of slip resistance of pedestrian surfaces* provides guidance for the selection of slip resistant pedestrian surfaces classified in accordance with AS 4586-2013. It is recommended that this test report be read in conjunction with AS 4586 and HB 198.

Requested by:	Parchem Construction Supplies
Client Address:	7 Lucca Road Wyong NSW 2259
Product Manufacturer:	Parchem Construction Supplies
Product Description:	Steel Trowel Finished Concrete Sealer: Avista Concrete Sealer Waterbased
Test conducted according to:	AS 4586:2013 Appendix A
Location:	Slip Check Pty Ltd Test Facilities, Blacktown NSW 2148
Conducted by:	Hayden Davies

Date:	16 May 2017, 17 May 2017	Temperature:	20°C
Sample:	Unfixed	Cleaning:	None
Rubber slider used:	Slider 96	Conditioned:	Grade P 400 paper dry followed by wet lapping film
Slope of specimen:	Tested on a flat level surface		
Direction of Test:	NA		

	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Mean BPN of last 3 swings:	22	20	25	31	30

Reported SRV of Sample:	**26**
Class:	**P2**

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Slip Resistance Classification of New Pedestrian Surface Materials

AS 4586-2013 Appendix B (Dry Floor Friction Test)

The slip resistance classification has been determined for unused surfaces using specific conditions. Factors such as usage, cleaning systems, applied coatings and patterns of wear may affect the characteristics of the surface after classification. Standards Australia Handbook 198:2014 *Guide to the specification and testing of slip resistance of pedestrian surfaces* provides guidance for the selection of slip resistant pedestrian surfaces classified in accordance with AS 4586-2013. It is recommended that this test report be read in conjunction with AS 4586 and HB 198.

Requested by:	Parchem Construction Supplies
Client Address:	7 Lucca Road Wyong NSW 2259
Product Manufacturer:	Parchem Construction Supplies
Product Description:	Steel Trowel Finished Concrete Sealer: Avista Concrete Sealer Waterbased
Test conducted according to:	AS 4586-2013 Appendix B
Location:	Slip Check Pty Ltd Test Facilities, Blacktown NSW 2148
Conducted by:	Hayden Davies

Date:	16 May 2017, 17 May 2017	Temperature:	20°C
Sample:	Unfixed	Cleaning:	None
Rubber slider used:	Slider 96	Conditioned:	Grade P 400 paper dry
Slope of Specimen:	Tested on a flat level surface	Direction of Test:	NA

Individual measurements	#1	#2	#3	#4	#5	#6	#7	#8
Run 1	0.67	0.62	0.68	0.70	0.68	0.674	0.68	0.71
Run 2	0.69	0.68	0.62	0.72	0.69	0.69	0.67	0.68

Cumulative run length 800 mm each	Run 1	Run 2
Average Coefficient of Friction (COF)	0.69	0.68

Reported COF for Test Sample: **0.70** **(Rounded to the nearest 0.05)**

Class: **D1**