



Slip Check to AS 4586-2013 Enzo Surfacetec

Report Number: R21855 Report Date: 9 September 2020 Total Number of Pages 3

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Issued by

Safe Environments Pty Ltd Unit 4, 40 Bessemer Street Blacktown NSW 2148

9 September 2020 AS 4586-2013 Template Rev_6 R21855 - Slip Check, Enzo MT

Prepared for

DW Tiles 17 Everley Road Chester Hill NSW 2162 Approved by

Dale Rowell Authorised Signatory

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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: Client Address:	DW Tiles 17 Everley Road		
Cheft Address.	Chester Hill NSW 2162		
Product Manufacturer:	Supplied by DW Tiles		
Product Description:	Enzo MT		
Test conducted according to:	AS 4586:2013 Appendix A		
Location:	4/40 Bessemer Street, Black	town NSW 2148	
Conducted by:	Yuliana Vargolomova		
-			
Date:	8 September 2020	Temperature:	18°C
Sample:	Unfixed	Cleaning:	None
Rubber slider used:	Slider 96	Conditioned:	Grade P 400 paper dry followed
Slope of specimen:	Tested on a flat level surface		by wet lapping film
Direction of Test:	NA		

	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Mean BPN of last 3 swings:	51	51	47	55	52
		UTSS [
Reported SRV of Sample:	51 BU	SINESS			

Reported SRV of Sample:	51BU
Class:	P4



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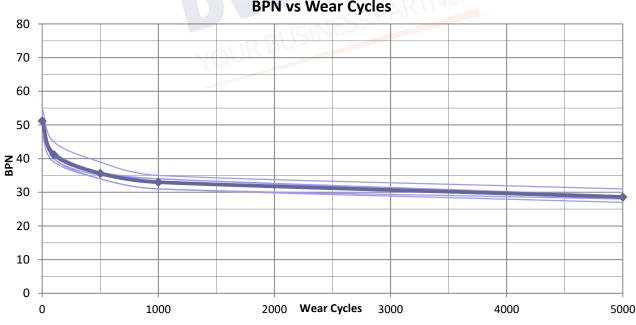
Test Report No. R21855 Accelerated Wear Slip Resistance Test

AS 4586-2013 Appendix A: incorporating accelerated wear conditioning to evaluate in-service wear

The purpose of the accelerated wear condition is to assist specifiers to better understand how the slip resistance of an individual product may alter with wear, thus helping to differentiate between products that might otherwise have seemingly similar slip resistance characteristics. AS 4586 does not provide guidance on the conduct of such accelerated wear tests; however, Appendix A3 states that "if a product Standard or specification contains a requirement for the permanence of slip resistance, this requirement shall be determined after the appropriate accelerated again or wear testing procedure". The conditioning protocol primarily used within industry is based on method developed by Strautins¹. The results are intended to be used as an informative guide to the selection of surfaces within a quality management system; please refer to AS 4586, HB 198 and Strautins (2008) for further information.

Test Method:	AS 4586 Appendix A: Test sample description, operating and equipment parameters outlined on previous page			
Sample Preparation:	Safe Environments in-house SOP – Accelerated Wear Slip Testing			
Abrasive pad:	3M Scotchbrite Heavy Duty Scour Pad No. 86 (water wet)			
Machine	Gardco D12VFI washability and wear-testing machine			
Mass of friction boat:	1000 ±50g	Area:	100 ±10mm x 100 ±10mm	
Cycle Rate:	50 ±5 cycles per min	Path length:	300 ±50 mm	

Wear Cycles	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	Mean	Class
0	51	51	47	55	52	51	P4
100	40	40	39	45	42	41	P3
500	34	35	34	39	36	36	P3
1000	31	34	31	35	34	33	P2
5000	27	28	28	31	29	29	P2



BPN vs Wear Cycles

¹ Strautins, Carl J (2008) 'Sustainable Slip Resistance: An Opportunity for Innovation', Qualicer '08, Xth World Congress on Ceramic Tile Quality, Castellon Spain. Publication available upon request.