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TEST REPORT

HSE Slip Resistance Testing (Laboratory) Performed on a Sample of “15/10 Yellow Grid Sample”

For:

Oxford Plastics

- This report has been prepared by Surface Performance Ltd with all reasonable care, skill and diligence within the terms of the contract with the client.
- This report is confidential to the client and Surface Performance Ltd accept no responsibility towards any third parties to whom this report is made available to. Any such party relies upon this report at their own risk.
- This report shall not be used for contractual purposes unless signed by the Laboratory Manager

PREPARED BY	SIGNATURE	ISSUE DATE	REPORT NUMBER
Callum Reid (Laboratory Manager)		01.07.2020	2327-G

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2.0 INTRODUCTION

Surface Performance Ltd carried out slip testing on Monday 22nd June 2020 to a '15/10 Yellow Grid Sample' sample provided for testing by Oxford Plastics.

The sample was supplied by the client and received at the laboratory on 18th June 2020 and identified with Surface Performance Ltd sample number 2327-G.

The sample was conditioned for a minimum 24 hours prior to testing at an ambient air temperature of 21-25°C and 40-60% relative humidity in accordance with ISO 291 Class 2 (non tropical countries).

3.0 TESTING METHOD

- 3.1 Slip Testing; Carried out in line with the requirements of The HSE 2012 document "Assessing the slip resistance of flooring" using a pendulum skid tester.
- 3.2 Testing was carried out at 1 x locations, in three directions, in both wet & dry conditions.
- 3.3 Testing was undertaken using a calibrated Munro slip tester using Slider 55 and Slider 96.

Slip testing is outside the scope of UKAS accreditation

4.0 REQUIREMENTS

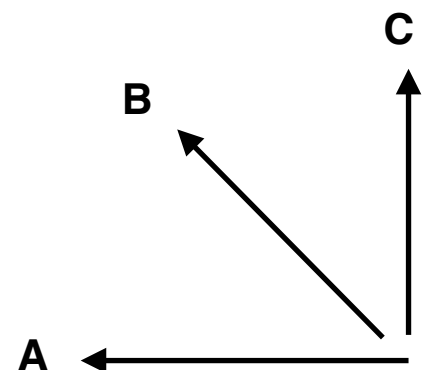
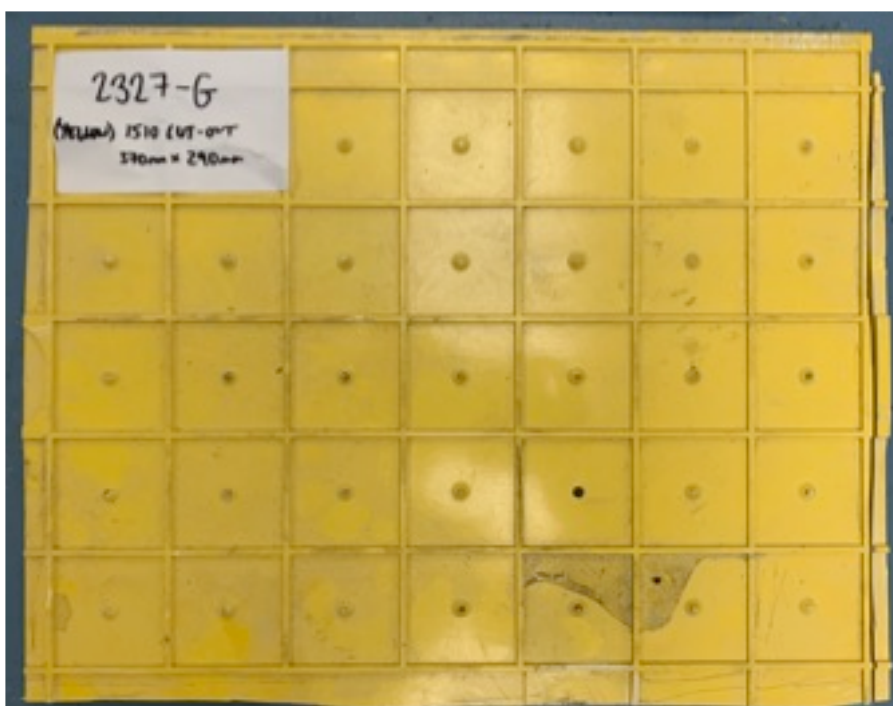
Specification limits are taken from The HSE 2012 publication “Assessing the slip resistance of flooring.” (www.hse.gov.uk/pubns/geis2.pdf)

CLASSIFICATION	PTV RESULT
High Slip Potential	0 - 24
Moderate Slip Potential	25 - 35
Low Slip Potential	36 +

5.0 LOCATION PLANS

5.1 TEST LOCATION PROXIMITY PLAN

The diagram below identifies the test directions on the sample provided.





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6.0 TEST RESULTS

6.1 Slider 96 Results

DRY DIRECTIONS: CLASSIFICATION - **LOW SLIP POTENTIAL**

Direction	Slip 1	Slip 2	Slip 3	Slip 4	Slip 5	Slip 6	Slip 7	Slip 8	Median (of 4 - 8)
A	69	68	69	66	68	66	68	68	68
B	61	63	61	62	62	62	62	62	62
C	53	52	53	54	54	55	55	55	55

WET DIRECTIONS: CLASSIFICATION - **LOW SLIP POTENTIAL**

Direction	Slip 1	Slip 2	Slip 3	Slip 4	Slip 5	Slip 6	Slip 7	Slip 8	Median (of 4 - 8)
A	44	45	45	45	45	45	45	45	45
B	50	48	45	45	45	44	44	43	44
C	44	43	41	41	40	40	40	40	40



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6.2 Slider 55 Results

DRY DIRECTIONS: CLASSIFICATION - **LOW SLIP POTENTIAL**

Direction	Slip 1	Slip 2	Slip 3	Slip 4	Slip 5	Slip 6	Slip 7	Slip 8	Median (of 4 - 8)
A	65	66	66	66	67	67	67	67	67
B	69	69	69	69	69	69	69	69	69
C	65	65	65	65	66	66	66	66	66

WET DIRECTIONS: CLASSIFICATION - **LOW SLIP POTENTIAL**

Direction	Slip 1	Slip 2	Slip 3	Slip 4	Slip 5	Slip 6	Slip 7	Slip 8	Median (of 4 - 8)
A	45	47	47	47	46	46	46	46	46
B	44	40	40	40	39	39	39	39	39
C	47	40	40	40	40	40	39	39	40

7.0 TEST PHOTOGRAPHS



Dry Direction C



Wet Direction B



Profile Close-Up



Wet Direction A



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8.0 Laboratory Comments

This surface was tested with both Slider 96 and Slider 55 on the basis that the profile can give a wide range of slip resistance values with different footwear. The raised peak on the grid created some variation of results and some abrasion which resulted in regular checks of the footprint during testing. The contact area chosen did create a range of results but the results reported are the lowest slip resistance that would be experienced.

END OF TEST REPORT



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