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Surface Performance Ltd  
Unit 16 Vicarage Farm  
Sunbury On Thames  
London  
TW16 6DW

0208 2465562  
info@surfaceperformance.com  
www.surfaceperformance.com

## TEST REPORT


### BS 7976:2002 + A1:2013 Slip Resistance Testing (Laboratory) Performed on a Sample of:

#### Vitrified Composite Decking

#### FOR:

#### Ryno Group Ltd

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- This report shall not be used for contractual purposes unless signed by the Laboratory or Technical Manager.
- The results given in this report are representative of the sample received only.

REVIEWED & APPROVED BY	SIGNATURE	ISSUE DATE	REPORT NUMBER
Russell Thompson (Technical Manager)		26/08/2025	SP4806A





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## **2.0 SUMMARY OF TESTING**

2.1 Testing was performed in accordance with BS 7976:2002 + A1:2013.

2.2 Classification limits are taken from The HSE 2012 publication “Assessing the slip resistance of flooring.” ([www.hse.gov.uk/pubns/geis2.pdf](http://www.hse.gov.uk/pubns/geis2.pdf)) and are outside the scope of accreditation.





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### **3.0 INTRODUCTION**

Surface Performance Ltd carried out slip testing on Friday 22nd August 2025 to samples of Himalayan Birch, African Greenwood, Sun Bleached Oak, Brazilian Walnut & White Poplar provided for testing by Ryno Group Ltd.

The sample was supplied by the client and received at the laboratory on Thursday 14th August 2025 and identified with Surface Performance Ltd sample number SP4806A, B, C, D & E. The samples are tested as received and the results apply only to the samples tested.

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).

### **4.0 METHOD**

Testing was performed in accordance with BS 7976:2002 + A1:2013 and undertaken using a calibrated pendulum slip tester using Slider 55.

Testing was carried out at 1 x Location, in 3 directions in both wet & dry conditions.



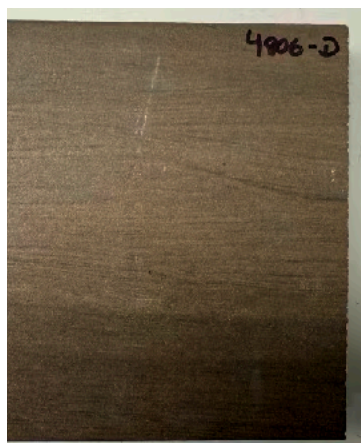
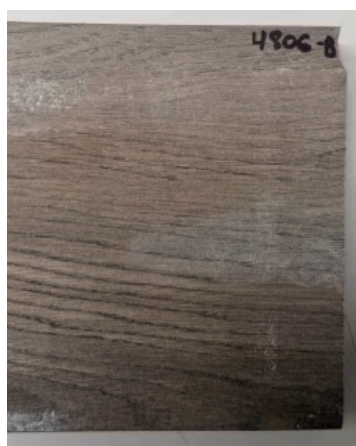
## 5.0 REQUIREMENTS - HSE 2012 Assessing the Slip Resistance of Flooring.

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

## 6.0 LOCATION PLAN

### 6.1 TEST LOCATION PROXIMITY PLAN

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



## 7.0 TEST RESULTS (Mean of 4,5,6,7,8 as per BS 7976-2)

### Himalayan Birch DRY DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL

SURFACE TEMP (°C) 21.0					AIR TEMP (°C) 21.3				
Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	96	96	97	98	99	99	99	99	99
B	96	96	98	98	99	100	101	101	100
C	95	95	95	97	97	97	97	97	97

### Himalayan Birch WET DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL

Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	61	61	60	60	60	60	60	60	60
B	60	61	62	62	61	61	60	60	61
C	60	60	60	59	59	59	59	59	59

### African Greywood DRY DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL

SURFACE TEMP (°C) 21.6					AIR TEMP (°C) 22.6				
Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	82	82	82	84	84	85	85	85	85
B	86	87	87	87	87	87	88	88	87
C	89	89	90	90	90	90	90	90	90

### ***African Greywood WET DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL***

Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	56	56	56	56	55	55	55	55	55
B	58	58	58	57	57	57	57	57	57
C	58	58	58	57	57	56	56	56	56

### ***Sun Bleach Oak DRY DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL***

SURFACE TEMP (°C) 21.3					AIR TEMP (°C) 22.0				
Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	95	96	96	97	97	97	97	97	97
B	96	96	97	98	98	98	98	98	98
C	90	90	90	92	92	92	92	93	92

### ***Sun Bleach Oak WET DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL***

Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	50	50	50	50	50	49	49	49	49
B	52	52	51	51	51	51	51	51	51
C	50	50	50	48	48	47	47	47	47

### ***Brazilian Walnut DRY DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL***

SURFACE TEMP (°C) 21.5					AIR TEMP (°C) 22.2				
Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	101	101	101	101	101	102	102	102	102
B	99	99	102	103	103	103	103	103	103
C	96	96	96	97	97	97	98	98	97



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

Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	51	51	51	50	50	50	50	50	50
B	51	51	51	51	51	51	51	51	51
C	50	50	50	50	50	49	49	49	49

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

SURFACE TEMP (°C) 21.0					AIR TEMP (°C) 22.3				
Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	100	100	100	100	100	100	100	100	100
B	95	95	96	97	97	98	98	98	98
C	98	98	98	99	99	99	99	99	99

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

Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Mean Result
A	60	60	60	59	58	58	58	58	58
B	62	62	61	61	60	60	60	60	60
C	63	63	62	62	62	62	61	61	62

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## SITE PHOTOGRAPHS



**FIFA**  
Accredited Test Institute  
for Football Turf





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**END OF REPORT**

