



7933

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## TEST REPORT

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

“Himalayan Birch Decking”

FOR:

Ryno Ltd

- 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 or Technical Manager.
- The results given in this report are representative of the sample received only.

PREPARED BY	SIGNATURE	ISSUE DATE	REPORT NUMBER
Russell Thompson (Technical Manager)		08/06/2023	3673E



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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 Sunday 4th June 2023 to a 'Himalayan Birch Decking' sample provided for testing by Ryno Ltd.

The sample was supplied by the client and received at the laboratory on Friday 2nd June 2023 and identified with Surface Performance Ltd sample number SP3673E. The sample was tested as received and the results apply only to the sample 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 96

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





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**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.





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**7.0 TEST RESULTS** (Mean of 4,5,6,7,8 as per BS 16165)

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

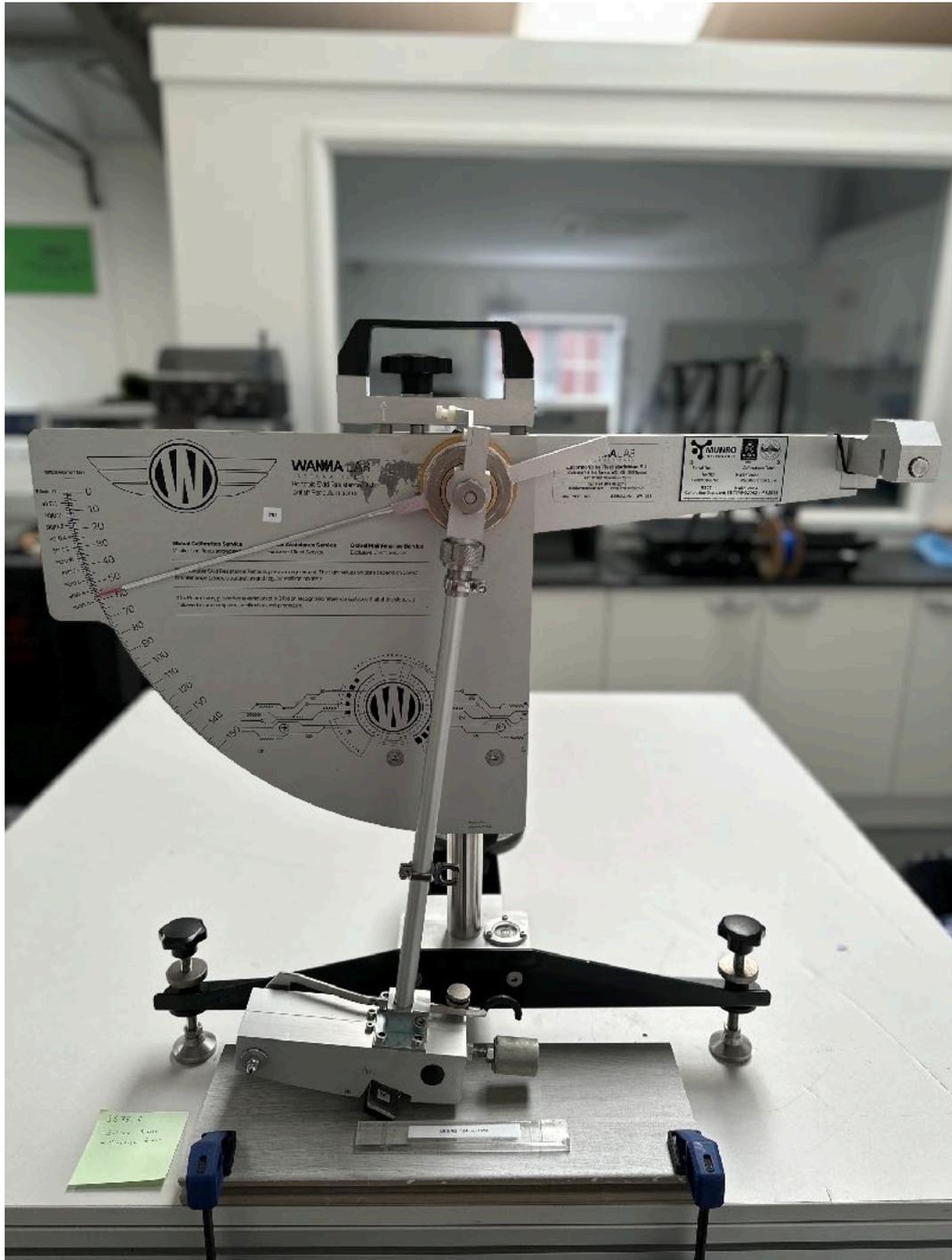
SURFACE TEMP (°C) 23.1					AIR TEMP (°C) 23.0				
Test Direction	Pendulum Swing 1	Pendulum Swing 2	Pendulum Swing 3	Pendulum Swing 4	Pendulum Swing 5	Pendulum Swing 6	Pendulum Swing 7	Pendulum Swing 8	Median Result
A	57	58	58	57	57	57	57	57	57
B	60	60	58	58	59	59	59	59	59
C	56	56	57	57	58	58	58	58	58

**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	Median Result
A	48	48	49	49	50	50	50	50	50
B	46	46	46	46	46	45	45	46	46
C	47	47	46	46	45	45	45	46	45



**TEST PHOTOGRAPHS**



Report Number: 3673E

Sample: Himalayan Birch Decking



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**END OF REPORT**



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