



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:

TerraSmart Resin Bound

FOR:

Ryno Group Ltd

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- 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) | | 25/07/2024 | SP4239 |





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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) and are outside the scope of accreditation.





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3.0 INTRODUCTION

Surface Performance Ltd carried out slip testing on 25th July 2024 to a TerraSmart Resin Bound sample provided for testing by Ryno Group Ltd.

The sample was supplied by the client and received at the laboratory on Tuesday 23rd July 2024 and identified with Surface Performance Ltd sample number SP4239. 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 96 & 55.

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



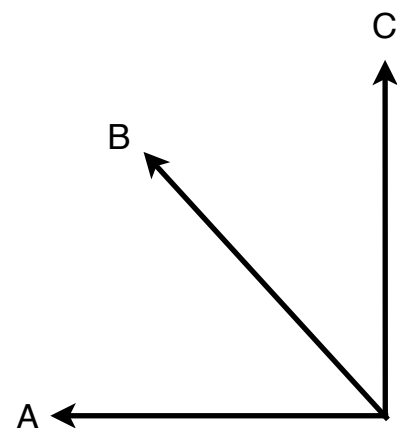
5.0 REQUIREMENTS - HSE 2012 Assessing the Slip Resistance of Flooring.

| 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)

SLIDER 96 DRY DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL

| SURFACE TEMP (°C) 22.5 | | | | | AIR TEMP (°C) 22.9 | | | | |
|------------------------|------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|-------------|
| 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 | 65 | 65 | 63 | 63 | 63 | 63 | 63 | 63 | 63 |
| B | 66 | 63 | 64 | 63 | 64 | 64 | 64 | 64 | 64 |
| C | 65 | 65 | 65 | 66 | 66 | 65 | 66 | 66 | 66 |

SLIDER 96 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 | 53 | 53 | 52 | 50 | 50 | 51 | 51 | 51 | 51 |
| B | 55 | 54 | 54 | 54 | 53 | 53 | 53 | 53 | 53 |
| C | 56 | 56 | 54 | 53 | 53 | 52 | 52 | 52 | 52 |

SLIDER 55 DRY DIRECTIONS: CLASSIFICATION - LOW SLIP POTENTIAL

| SURFACE TEMP (°C) 22.5 | | | | | AIR TEMP (°C) 22.9 | | | | |
|------------------------|------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|-------------|
| 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 | 94 | 94 | 93 | 93 | 93 | 93 | 92 | 92 | 93 |
| B | 92 | 92 | 91 | 92 | 91 | 90 | 91 | 91 | 91 |
| C | 95 | 95 | 95 | 94 | 94 | 93 | 94 | 94 | 94 |



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SLIDER 55 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 | 54 | 54 | 53 | 53 | 53 | 53 | 54 | 54 | 53 |
| B | 53 | 53 | 53 | 52 | 52 | 52 | 52 | 52 | 52 |
| C | 55 | 56 | 55 | 55 | 54 | 54 | 55 | 55 | 55 |



SITE PHOTOGRAPHS



Report Number: SP4239

Sample: TerraSmart Resin Bound



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END OF REPORT

