

TEST REPORT - Wet Pendulum Slip Resistance Classification (US Standard)

Report Prepared for:

Biotanex
2670 Omaha Road
Hastings 4175, New Zealand

Page #: 2 of 4**Program #:** 8010**Test Date:** 28-06-2024**Test Site:** Independent Slip Testing Services- Slip Resistance Laboratory (Lota QLD Australia)**Testing Technician:** J.Walden**Testing Instrument:** Pendulum Skid Tester with Slider 55 (TRL) rubber. Reported Uncertainty for testing device: 3.0 BPN
Testing Instrument W1- Serial #: SK1105

TESTING SPECIMEN DESCRIPTION, SIZE, COLOUR, TYPE, & COATING (if applicable)

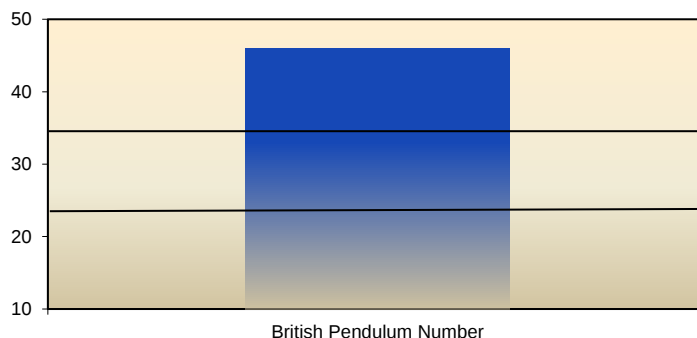
1. 1x Sicaro Wildwood, Light Brown, Timber Decking, Sample Size 14x30cm

Surface Condition:	Smooth	Preparation:	Cleaned prior to testing
Fixed/ Unfixed:	Unfixed	Cleaning Details:	Water only
Age of Test Surface:	Unspecified	Test Surface Temp:	23 Deg.C
Environmental Conditions:	Air conditioning	Slope of Test Surface:	0 degrees
Direction of Test:	As indicated on underside of sample	Polish Value Test:	N/A

BPN TEST VALUES

Pendulum Swing

#1 Result:	xx BPN	Validation (60 Grade):	96 BPN
#2 Result:	48 BPN	Post test 'contact length' check:	Yes
#3 Result:	46 BPN	Post test 'zero' check:	Yes
#4 Result:	45 BPN		
#5 Result:	45 BPN		



TEST RESULT

TEST RESULT (BPN)

46

The mean results of the four test swings is reported (rounded to nearest whole number)

DISCLAIMER:

ISTS accepts no civil liability or responsibility for any actions whatsoever that may arise as a result of the tests and the publication and issue of this test report. The test report is intended for viewing purposes solely for the named recipient identified above. The slip test report remains the property of ISTS. This report contains

Accredited for compliance with ISO/IEC 17025 testing and calibration. NATA is a signatory to the APLAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Signatory: Mick Walton



Accreditation No. 14967

Testing was carried out using the Pendulum Skid Tester
to National Standard ASTM E303-22

TEST PRODUCT IMAGE

Product Description: Sicaro Wildwood, Light Brown, Timber Decking, 14x30cm

Test Date: 28-06-2024



END OF TEST REPORT

Have a successful day!

***...Considering pedestrian surface enhancements,
or developing your property?***



If you are selecting, purchasing or installing pedestrian surface materials, an independent, accredited classification is a useful tool providing confidence to all stakeholders the product will perform as specified.

Independent Slip Testing Services is the global leader in accredited slip resistance measurement and classification of pedestrian surface materials prior to installation.

see the ISTS 'GPC Results Interpretation Booklet' for guidance on pedestrian surface product selection.

**TILES PAVERS STONE TIMBER VINYL RUBBER METAL TAPES COATINGS GRATINGS CONCRETE
CARPETS STEP-NOSINGS TACTILES MOSAICS GLASS**

Contact us any time if you have questions.



*Recommended Slip Classifications
National & Global Guides
Slope Conversions*



www.gpcsliptesting.com

TEST RESULTS INTERPRETATION GUIDE (US STANDARD)

Appendix A

INTERPRETING TEST RESULTS

- Step 1** Note the classification result on the test report.
Step 2 Compare result to the recommended classification of 'Low Slip Potential'

SLIP POTENTIAL (UKSRG)	BPN (TRL rubber)
High Slip Potential	0-24
Moderate Slip Potential	25-35
Low Slip Potential	36+

TREATMENT OPTIONS

For test results that achieve a result below the recommendations the following are options to increase slip resistance and Reduce Your Risk!

- | | |
|--------------------------------|---|
| 1. Cleaning procedures | Detergent residue build up or other contaminants |
| 2. Surface sealers | Lifecycle, application of sealer, product performance |
| 3. Anti-Slip treatments | Coatings, etchants, sandblasting, etc. |
| 4. Surface replacement | Surface suitability |

For treatment suppliers in your local area search the internet for options listed above or in the yellow pages 'flooring treatments' section. ISTS recommends sourcing a number of detailed proposals when considering treatments, outlining expected slip resistance improvements, visual changes, clean ability and life expectancy.

FREQUENTLY ASKED QUESTIONS

1. Sampling

The test sample for testing should be a consistent indicator of the product to be classified for sales purposes or the batch to be delivered

2. Test Direction

Testing is performed in the direction as indicated on underside of test specimen

3. Pre-test Cleaning

Cleaning is performed prior to testing with potable water and thoroughly dried with a lint free cloth.

When tests are being made to investigate perceived problems with the surface, they may be carried out with the surface in it's 'as found' state.

4. Slider Conditioning

Slider conditioning is performed with #60 Grade silicon carbide abrasive cloth prior to testing as per ASTM requirements

5. Results Interpretation

The results interpretation is an excerpt from 'The UK Slip Resistance Group Guidelines Issue 4 / 2011' endorsed by The Ceramic Tile Institute of America, Inc.

** The information provided is intended as a guide only, consult the publications ASTM E303-22 'Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester' and 'The UK Slip Resistance Group Guidelines Issue 4 / 2011' for further information in regards to measurement guidelines and assessing test results.*