Slip Test Report

For the Purpose of Product Certification

Gripdeck Ltd

For the benefit of:

James Baldwin
Gripdeck Ltd
Unit 1
Chancers Farm
Fossetts Lane
Colchester
Essex

Produced by:

Ben Powers
Slip Guru Ltd
Harborough Innovation Centre
Airfield Business Park
Leicester Road
Market Harborough
LE16 7WB

Report reference:

10220

Date of test:

06/07/26

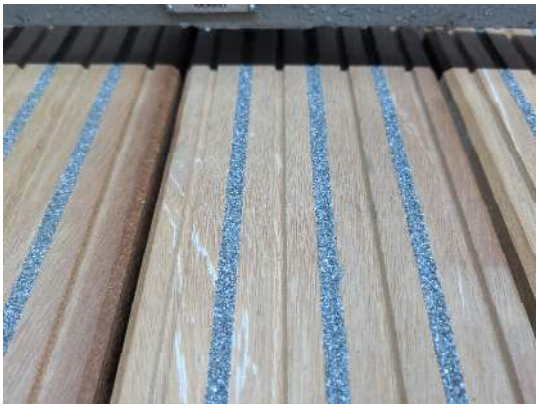
Slip Test Results

Supplied by: Gripdeck Ltd
Product reference: 145mm Wide Grooved GripDeck with 3 Inserts
Material: Timber / Resin

Date of Test: 06/07/26
Operator: Ben Powers
Test Standard(s): BS EN 16165:2021 Annex C
UKSRG Guidelines Issue 6

Test surface

Test location



Condition	Direction	Pendulum Test Values (PTVs)								Median	Lowest	Slip Risk Classification
Dry	0°	87	89	88	94	91	95	85	91	91	67	Low
	15°	68	74	74	73	73	76	72	74	73		
	45°	70	70	74	71	72	74	76	76	74		
	90°	66	64	66	66	67	67	67	68	67		
	180°	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		
Wet	0°	68	65	61	64	66	66	63	64	64	45	Low
	15°	62	62	53	59	62	61	62	61	61		
	45°	65	65	63	63	65	64	63	62	63		
	90°	50	48	45	46	44	45	43	45	45		
	180°	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		

Slider:	Sole modelled:	Ambient Temp:	Rz value:
Slider #96/4S	Shod	27.7°C	n/a

Notes:

Results have been adjusted for temperature in accordance with test standard. Values have not been recorded at 180° as surface was not considered a ramp.

When assessing results against the HSE and UKSRG risk classification criteria, the tested surface achieves a low risk of slip classification in dry conditions and a low risk of slip classification in wet conditions. Responsible parties should seek a low risk of slip classification in the expected conditions of end use. In this regard UKSRG Guidance recommends "a realistic assessment of the potential sources of contamination and the likelihood of floors becoming contaminated in normal use" is carried out.

Test results indicate that this surface would fall out of the low risk of slip classification if installed at a surface gradient in excess of 17° in dry conditions and 5° in wet conditions. Both UKSRG Guidelines and BS 8300 (Design of an Accessible Environment) suggest surface gradients generally should not exceed 5°.

It should be noted that the slip resistance of any surface is likely to change during use with the effects of contamination, cleaning and wear. Periodic assessment of slip resistance is recommended to ensure long-term safety.

Verification Checks

Checks conducted prior to any testing. Verification tests conducted with slider #96/4S in wet conditions. Details of verification check surfaces can be found overleaf.

Fixings check:	Level check:	Pointer check:
Satisfactory	Satisfactory	Satisfactory

Plumb check:	Zero check:	Slider check:
Satisfactory	Satisfactory	Satisfactory

Pre-test verification

Surface	Pendulum Test Values (PTVs)								Median	Certified Value	Tolerance	Result
Pink Lapping Film	69	68	68	68	67	67	67	67	67	65	±2	Satisfactory
Float Glass	6	6	6	5	5	5	5	5	5	5	±2	Satisfactory
Pavigrés Tile	36	36	36	36	35	35	35	35	35	36	±2	Satisfactory

Operator Competency

Operator:
Ben Powers

Relevant Experience:
>18yrs Pendulum operation
>13yrs expert witness experience
>9yrs testing for UKAS accredited bodies
>6yrs Pendulum operator training

Inter-Laboratory Comparisons:
Safe Environments Pty (ILAC accredited)
February 25, May 23, May 21
SEA Limited Super ILS
April 24
UKSRG Round Robins
Approx 1/year

Professional Memberships:
UK Slip Resistance Group
Full Member (16yrs)
Institute of Occupational Safety & Health
Technical Member (10yrs)
Academy of Experts
Practising Member (10yrs)
BSI B 507/7 (Pedestrian Slip Resistance) Committee
UKSRG Representative (4yrs)

Relevant Qualifications:
City & Guilds Accident Investigation
NEBOSH National General Certificate
BSc (Hons) Computational Physics

Test Equipment

Pendulum:

Type:
Munro Instruments
Serial:
0852
Calibration Certificate No:
16655
Calibration Due:
09/02/27

Verification Surfaces:

Pink Lapping Film:

Certificate No:
16735PLF
Certified Value:
65
Certified By:
Munro Instruments
Replacement Due:
After use

Miscellaneous:

Micro-Roughness Meter:

Type:
Surtronic Duo
Serial:
US1056
Calibration Certificate No:
72596
Calibration Due:
08/11/26

Rubber Sliders:

#96/4S/Hard:

Batch No:
96/457/26
Certificate No:
16948S96
Certified By:
Munro Instruments
Replacement Due:
13/05/27

Pavigrés Tile:

Certificate No:
16735SPG
Certified Value:
36
Certified By:
Munro Instruments
Replacement Due:
After 21 more uses

Contact Thermometer:

Type:
ETI Thermappen 3
Serial:
B25120379
Calibration Certificate No:
018402
Calibration Due:
07/03/28

#55/#57/TRL/CEN/Soft:

Batch No:
55/310/26
Certificate No:
16948S55
Certified By:
Munro Instruments
Replacement Due:
13/05/27

Float Glass:

Certificate No:
16107FLT
Certified Value:
5
Certified By:
Munro Instruments
Replacement Due:
When damaged

Inclinometer

Type:
Mobile Phone
Serial:
352606949358160
Validation Reference
Pixel 7 24
Validation Due:
14/08/26

All referenced certificates are available on request.

Report Ends