



SLIPTECH -SLIP TESTING FACILITY
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**Test procedure in accordance with:
BS EN16165:2021 and
UKSRG guidelines issue 6//2024**

Date: 19-Jan-26
Client: Forest Stone
Project (If Applicable): Paving Testing
Sample specimen referenced as: Chatmore

Conditions of Issue:

This report and the results contained within it are provided solely for the benefit of the Client relating to the samples that were provided and may not be used or relied on by any other person or for any other purpose, nor may this report or the results be quoted in whole or in part or otherwise referred to, without our prior written consent.

All tests are conducted using a calibrated test metre by a certified trained operative in laboratory conditions, laboratory conditions will not always reflect conditions found outside of a laboratory, temperature, whether, surface contamination and variations in material can affect onsite readings.

This report and the results given relate only to the sample/s provided for analysis and tested as described within the report any comments are for guidance
Only and only relate to the samples provided the results can not and should not be construed as an indication of the results that would be obtained from similar or identical material that has not been tested.

SlipTech's liability in respect of this report and the results contained within it shall be subject to the limitations contained with the terms and conditions supplied to you with our confirmation of Order.

These test results and the contents of this report in no way provide an endorsement or approval of the wider use of the product, which was tested, or its performance by SlipTech and no warranty is given as to the product or its performance

Please note that SlipTech is not a UKAS accredited testing house, however, slip tests are undertaken using a calibrated skid tester (test in accordance BS EN 16165:2021 in line with UKSRG guidelines Issue 6//2024 The HSE has adopted this as its standard test method for assessing floor slipperiness in both dry and water contaminated conditions. All staff are fully trained in the use of the pendulums and all pendulums are calibrated in line with BS EN 1097-2020 BS EN 13036:part 4 2011, BS EN16165 & ASTM E303-93. Certificates of calibration will be provided on request.

sliptech
SPECIALIST CLEANING & ANTI-SLIP SOLUTIONS



Sample Image

Material tested in 3 directions* - Direction 1 is Primary Axis 0°, Dir 2 is 90° to Dir 1 and Dir 3 is 45° to Dir 2

Interpretation of Test Results Pendulum

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Sliptech shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report

Portable Pendulum Slip test to BS EN 16165:2021 in line with UKSRG guidelines

Issue 6//2024

For Office Use Only: *Circle as applicable*

Invoice
paid

yes

Return address

FAO

notes for
client



Test number	26108		Test Operator	Ryan Pipe	
Date Received	16/01/2026		Test Date	19/01/2026	
Tile to be returned	YES	NO	Treatment area	N/A	
Surface temperature	18°C		Temp adjustment (55 slider only)		

Instrument used	Pendulum KSS ST30	Calibration Number	CN 15569
Rubber slider used	Rubber Slider 55 simulates Bare Foot CN-93/24 BN 55#46		
Slider preparation	10 x passes P400 abrasive paper 20 x passes pink lapping		
Verification tests (median)	Pink Lapping: 66 Float Glass: 6 Pavigres Tile 36		

Client	Forest Stone
Project	Paving Testing
Material - as described by client	Chatmore

Special instructions	0
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Material tested in 3 directions* - Direction 1 is Primary Axis 0°, Dir 2 is 90° to Dir 1 and Dir 3 is 45° to Dir 2

As Found	Position	Calibration			1	2	3	4	5	Median	Min PTV
Dry - 1	0°	76	76	76	76	75	75	74	74	75	73
Dry - 2	90° to 1	75	75	74	74	74	73	73	73	73	
Dry - 3	45° to 2	75	75	74	74	73	73	73	73	73	
As Found		Calibration			1	2	3	4	5	Median	
Wet - 1	0°	42	41	41	41	40	40	40	40	40	40
Wet - 2	90° to 1	43	43	42	42	42	42	41	41	42	
Wet - 3	45° to 2	44	44	43	43	42	42	42	41	42	

Interpretation of Test Results Pendulum

Pendulum Value	Potential For Slip	Laboratory notes
24 and Below	High	
25 to 35	Moderate	
36+	Low	

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Pre-Treat	Treatment	Mins	Padded in		Re Treat		Mins	Notes: Extra processes etc	Sealant	Coats
Red Pad	TS Std		Y	N	Y	N			Repella	
Black Pad	TS Extra		Y	N	Y	N			Stainproof	
Trizack	TS 50%		Y	N	Y	N			Intensifia	
No 0	FC		Y	N	Y	N			Stainstop	
No 1	Step 123		Y	N	Y	N			Acemi	
No 2	Other		Y	N	Y	N			Other	

Invoice paid	Yes	
Return address	FAO	
notes for client		



Calibration Certificate

UKAS Accredited Calibration Laboratory No. 21691
Certificate number: 15569
Date of Issue: 03/03/25

After Adjustment Validation Results

Surface	Condition	Pendulum Test Value (PTV) (C Scale)								Median (PTV)	Expected Range (PTV)
Pink Lapping Film	Wet	66	68	68	68	68	66	67	67	67	$67 \leq x \leq 71$
Float Glass		6	6	5	5	6	5	5	5	5	$5 \leq y \leq 10$
Pavilges Tile		36	36	36	35	35	35	35	34	35	$32 \leq z \leq 36$

*It is noted that recent batches of the standard specified 3M 261X 3µ Imperial Lapping Film produces higher than expected values. The UK Slip Resistance Group has also seen this change and is issuing a press release. Batch 3642, used for this verification, has a certified value of 66PTV. It is to be expected that results produced on this batch will differ from results produced by the same machine/slider on earlier manufactured batches.

Declaration

The Pendulum serial number ST30 was calibrated by Munro Instruments adhering to BS EN 16165:2021. The results given are accurate representations of data acquired. Results given herein refer only to the item(s) identified on page one of this certificate.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k , providing a level of confidence of approximately 95%. The uncertainty calculation has been carried out in accordance with UKAS requirements.

In determining conformity with specified limits we have employed a decision ruled based on ILAC G8:2009, incorporating a 1U guard band to achieve a specific risk of <2.5% probability of false acceptance.

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF communiqué dated April 2017). UKAS is one of the signatories to the Multilateral Agreement of the European co-operation for Accreditation (EA) for the mutual recognition of calibration certificates issued by accredited laboratories.

Calibrated by

Ian Wilkie
Pendulum Technician
03/03/25

Authorised by

Ben Powers
Quality Manager
03/03/25

End of report

Page 5 of 5

