# BS 7976-2:2002+A1:2013 Test Certificate

Test conducted at:
Munro Instruments Ltd
44-45 Burnt Mill, Elizabeth Way
Harlow, Essex
CM20 2HU UK

On behalf of:
Sika Deutschland GmbH
Postfach 40 07 60
D-70407 Germany

Test conducted 07/08/23, by Liam Willams-Brown, to UKSRG Guidelines Issue 5.

Certificate Reference: 13905 Sample Reference: Sikaplan VG

Image 1. Pendulum tester in-situ

Image 2. Test surface

## Pre-test Verification Results

| Surface | Slider | Condition | Pendulum Test Value (PTV) | | | | | Median | Expected |
|---|---|---|---|---|---|---|---|---|---|
| Pink Lapping Film | #96/4S | Wet | 64 | 60 | 61 | 61 | 60 | 61 | 59 ≤ x ≤ 64 |
| Float Glass | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 ≤ y ≤ 10 |
| Pavigres Tile | | | 33 | 33 | 33 | 33 | 33 | 33 | 32 ≤ z ≤ 36 |

Pavigres tile use 74 of 100

## Pendulum Test Results

Slider #96/4S (Shod)

| Direction | Condition | Pendulum Test Value (PTV) | | | | | Median PTV | Lowest PTV | Slip Risk Classification |
|---|---|---|---|---|---|---|---|---|---|
| Principal | Dry | 87 | 87 | 87 | 86 | 86 | 87 | 79 | Low |
| 45° | | 82 | 81 | 81 | 81 | 82 | 81 | | |
| 90° | | 79 | 79 | 79 | 80 | 79 | 79 | | |
| Principal | Wet | 42 | 40 | 40 | 39 | 39 | 40 | 37 | Low |
| 45° | | 40 | 37 | 37 | 36 | 36 | 37 | | |
| 90° | | 45 | 43 | 43 | 42 | 42 | 43 | | |

Results generated using a BS 7976 Munro Portable Skid Tester, serial number 1360. The device was calibrated by Munro Instruments Ltd on 13/02/23, UKAS certificate number 1360/23. The above results have been classified in accordance with the latest UK Slip Resistance Group Guidelines (Issue 5, 2016) and current UK Health & Safety Executive guidance.

## Declaration

The above assessment was carried out by Munro Instruments adhering to the UKSRG and HSE guidelines on pedestrian slip risk assessment. The results have been interpreted to give slip risk classifications based on parameters recommended by the UKSRG and HSE. The results given relate only to the item tested and the sample as received. This certificate shall not be reproduced, except in full, without approval of Munro Instruments Ltd.

## Authorised by

Signed:

Ben Powers, BSc (Hons) TechIOSH MAE
Slip Risk Consultant / QA Manager
Munro Instruments
17/08/23

## Additional Notes - 13905 / Sikaplan VG

*Any opinions, interpretations or additional measurements given below are based on the results of this test certificate and fall outside of the scope of our BS EN ISO 17025:2017 UKAS accreditation.*

Notes

None recorded.

Rz Surface Roughness Measurements

| Direction | Principal | | | | 45° | | | 90° | | | Mean Rz Value (µm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rz Value (µm) | 10.7 | 9.4 | 9.1 | 10.0 | 9.6 | 7.6 | 8.9 | 10.4 | 12.5 | 11.4 | 10.0 |

Results generated using a Surtronic Duo Rz Surface Roughness Meter, serial number 11442, operated in accordance with UKSRG Guidelines Issue 5 (2016). The device was calibrated by means of a roughness standard issued by Taylor Hobson Ltd on 08/11/21, certificate number 72596.