

PENDULUM BS 7976-2 TEST REPORT.



MOB: 087 6915650

EMAIL: info@totalslipsolutions.ie 96 4s IN HOUSE TEST REPORT.

WWW.totalslipsolutions.ie

CLIENT: MR. DECLAN GLYNN - CREAN CERAMIC CITY
ADDRESS: CREAN CERAMIC CITY, MONEEN, CASTLEBAR, CO. MAYO. IRELAND
CONTACT NO: 094 9024250
E-MAIL ADDRESS: declan.glynn@ceramiccity.ie
TEST DATE: 17/07/2018
TSPT PROJECT NO: 15994 / CCC
SAMPLE TESTED: KAFAL MARKFIL TILE
SAMPLE SIZE: 60cm X 30cm
TEMPERATURE: 22°
PHOTO: (YES)



PENDULUM SERIAL NO: 1520
CALLIBRATION DUE DATE: 26/06/2019
SLIDER RUBBER: 96 4s (Pedestrian)
BATCH NO: 1389 JULY 2017

PENDULUM TEST RESULTS:

DIRECTION:	CONDITION: (e.g.) AS FOUND	READINGS:	MEDIAN:
PRIMARY	DRY / WIPED	58/57/57/57/57/57/57/57	57
45 °	DRY / WIPED	60/62/63/62/62/62/62/62	62
90 °	DRY / WIPED	60/60/60/59/59/59/59/59	59
PRIMARY	WET / WATER ADDED	36/34/32/32/32/32/32/32	32
45 °	WET / WATER ADDED	32/32/32/32/31/31/31/31	31
90 °	WET / WATER ADDED	31/31/31/31/31/31/30/30	31

PTV SLIP POTENTIAL

MEAN AVERAGE OF 15 DRY VALUES:	59	LOW
MEAN AVERAGE OF 15 WET VALUES:	31	MEDIUM

SLIP POTENTIAL RESULTS AS PER HEALTH & SAFETY AUTHORITY GUIDELINES AND THE LATEST UKSRG GUIDELINES.

RZ MICROROUGHNESS VALUE (µm) RESULTS:

M/A

14.5	14.8	16.8	19.3	19.1	21.3	17.9	20.4	16.6	20.1	18.1
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Tests Conducted by Richard McNamara; adhering to the UKSRG & HSA Guidelines.

REMARKS:

CONDITION OF ISSUE:

This report may be forwarded to other parties concerned, provided it is not altered in any way. It must not be published in any manner or used as an advertisement without the prior written permission of Total Slip Solutions. A satisfactory Test Result does not in any manner give a warranty to any product or of its performance. Total Slip Solutions will not be liable for any loss or damage incurred as a result of any information supplied in this Report.

MR. RICHARD MCNAMARA.

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 TEST DATE: 17/07/2018
 TSPT PROJECT NO: 15995 / CCC
 SAMPLE TESTED: KAFAL ANTARTICA TILE
 SAMPLE SIZE: 60cm X 30cm
 TEMPERATURE: 22°
 PHOTO: (YES)



PENDULUM SERIAL NO: 1520
 CALLIBRATION DUE DATE: 26/06/2019
 SLIDER RUBBER: 96 4s (Pedestrian)
 BATCH NO: 1389 JULY 2017

PENDULUM TEST RESULTS:

DIRECTION:	CONDITION: (e.g.) AS FOUND	READINGS:	MEDIAN:
PRIMARY	DRY / WIPED	55/53/53/53/53/53/53/53	53
45 °	DRY / WIPED	57/55/55/56/56/56/56/56	56
90 °	DRY / WIPED	60/59/59/58/58/58/58/58	58
PRIMARY	WET / WATER ADDED	25/24/24/24/24/24/23/23	24
45 °	WET / WATER ADDED	28/25/25/25/25/24/24/24	24
90 °	WET / WATER ADDED	26/25/25/25/25/25/25/25	25

PTV SLIP POTENTIAL

MEAN AVERAGE OF 15 DRY VALUES:	56	LOW
MEAN AVERAGE OF 15 WET VALUES:	24	HIGH

SLIP POTENTIAL RESULTS AS PER HEALTH & SAFETY AUTHORITY GUIDELINES AND THE LATEST UKSRG GUIDELINES.

RZ MICROROUGHNESS VALUE (µm) RESULTS:

M/A

17.8	15.4	15.8	17.8	14.9	12.6	13.7	16.3	18.6	17.7	16.1
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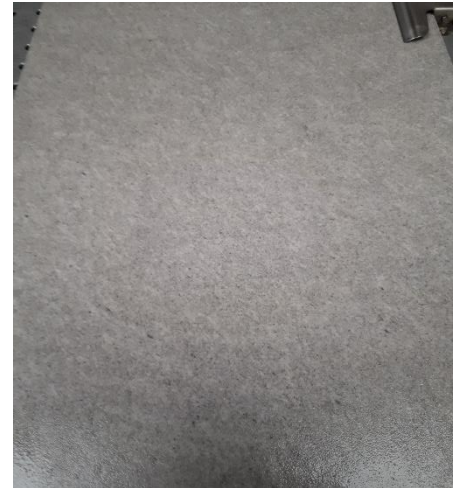


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 E-MAIL ADDRESS: declan.glynn@ceramiccity.ie
 TEST DATE: 17/07/2018
 TSPT PROJECT NO: 15996 / CCC
 SAMPLE TESTED: KAFAL GRIS TILE
 SAMPLE SIZE: 60cm X 30cm
 TEMPERATURE: 22°
 PHOTO: (YES)



PENDULUM SERIAL NO: 1520
 CALLIBRATION DUE DATE: 26/06/2019
 SLIDER RUBBER: 96 4s (Pedestrian)
 BATCH NO: 1389 JULY 2017

PENDULUM TEST RESULTS:

DIRECTION:	CONDITION: (e.g.) AS FOUND	READINGS:	MEDIAN:
PRIMARY	DRY / WIPED	58/59/58/59/59/59/59/59	59
45 °	DRY / WIPED	58/57/57/57/58/58/58/58	58
90 °	DRY / WIPED	62/61/61/61/61/61/61/61	61
PRIMARY	WET / WATER ADDED	36/33/33/32/32/32/32/32	32
45 °	WET / WATER ADDED	32/32/32/32/32/32/32/32	32
90 °	WET / WATER ADDED	32/32/34/34/34/34/34/34	34

PTV SLIP POTENTIAL

MEAN AVERAGE OF 15 DRY VALUES:	59	LOW
MEAN AVERAGE OF 15 WET VALUES:	33	MEDIUM

SLIP POTENTIAL RESULTS AS PER HEALTH & SAFETY AUTHORITY GUIDELINES AND THE LATEST UKSRG GUIDELINES.

RZ MICROROUGHNESS VALUE (µm) RESULTS:

M/A

12.0	16.9	14.8	16.4	16.3	16.6	17.3	17.5	14.2	14.4	15.6
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Tests Conducted by Richard McNamara; adhering to the UKSRG & HSA Guidelines.

REMARKS:

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Overview of Testing Conducted:

We have conducted Independent Pendulum Testing in accordance with BS 7976-2/UKSRG guidelines. Tests were conducted using in date BSI calibrated equipment and methods recognized by the UKSRG and H&SA as accurate, consistent and which provide repeatable values. The United Kingdom Slip Resistance Group provide general guidance on the significance of slip resistance values in relation to users perception of the slippiness of a floor, the guidelines below are recognized by the Health and Safety Authority.

The PTV value Potential for slip is as follows:

- 0 – 24 **HIGH RISK**
- 25 – 35 **MEDIUM RISK**
- 36 + **LOW RISK**

Pendulum Test Value	Probability of Slip	
PTV of 36	1 in 1,000,000	
<u>PTV of 34</u>	<u>1 in 100,000</u>	<u>LOW RISK</u>
PTV of 29	1 in 10,000	
PTV of 27	1 in 200	
<u>PTV of 24</u>	<u>1 in 20</u>	<u>MEDIUM RISK</u>
<u>PTV of <24</u>	<u>Less than 1 in 20</u>	<u>HIGH RISK</u>

As Researched by Pye and Harrison.

SLIP POTENTIAL CLASSIFICATION, BASED ON Rz MICROROUGHNESS VALUE. (APPLICABLE FOR WATER-WET PEDESTRIAN AREAS)

Rz SURFACE ROUGHNESS	SLIP POTENTIAL
BELOW 10 µm	HIGH
10 - 20 µm	MODERATE
20 + µm	LOW