SANDBERG

UKAS TESTING
0262

Sandberg LLP
5 Carpenter's Place
Clapham High Street
London SW4 7TD

Tel: 020 7565 7000
Fax: 020 7565 7101
email clapham@sandberg.co.uk
web www.sandberg.co.uk

63592/F

Certificate No.
1

Date of Test
9/10/2018

SLIP RESISTANCE TESTING USING THE PENDULUM TESTER

BS 7976:Part 2:2002+A1:2013

Client	Kada Europe
Rubber Slider Type:	55 & 96
Material Under Test:	Ceramic Tile with Endurance Safe Tread

Sample Ref.	Surface Roughness[1] R_z, µm	Surface Temperature, °C	Rubber Slider Used	Orientation	Pendulum Test Value (mean)	
					Dry	Wet
F95249	17.4	20	55[3]	0°	96	25
				90°	95	25
			96	0°	54	36
				90°	55	35

The TRL pendulum tester has a range of readings from 0 to 150, high values indicating good slip resistance. Guidance on the interpretation of results using the Four S Slider is suggested by the UK Slip Resistance Group[2] as follows:-

Potential For Slip	**Pendulum Test Value**
High	0 to 24
Moderate	25 to 35
Low	36+

The surface roughness measurements are a guide to slip resistance particularly in borderline regions. It is recognised that increased roughness of the floor surface can give an improvement in slip resistance in wet conditions. Surfaces contaminated with pure water generally require a surface roughness of at least 10µm R_z to provide a moderate level of slip resistance and at least 20µmR_z to indicate low slip potential: more viscous contaminants require higher surface roughness. Roughness measurements should not be solely relied upon to evaluate the potential slip resistance of a floor.

Client	Kada Coatings Merlin House 1 Langstone Park Newport NP18 2HU	**Signed**	For Sandberg LLP
		Name	Richard Rogerson
		Position	Department Manager
Reference	PO no. 051018/Sandberg	**Date**	11 October 2018

The results reported here relate to the surface as tested. It should be noted however that the slip resistance of surfaces in services can be changed by various factors such as abrasion, polishing and contamination. Overall assessment of the potential for slip should take into account conditions of use and the environment, in addition to test results. Opinions and interpretation expresses herein are outside the scope of UKAS accreditation. Materials, samples and test specimens are retained for a period of 2 months from the issue of the this test certificate

1 Surface roughness is not covered by our UKAS accreditation.

2 The measurement of floor slip resistance guidelines recommended by the UK Slip Resistance Group, Issue 5, 2016.

3 Corrected for temperature if applicable