

## Tread: Slip-Resistance

In May 2013 our treads were tested independently by Grip Potential Ltd. Using the pendulum test (BS7976-2 Test Certificate). This assessment was carried out by Grip Potential Ltd. adhering to the UKSRG, HSE and CIRIA guidelines on pedestrian slip risk assessment.

**Base upon tests carried out,  
all QPSL treads exceed the minimum requirement as per BS8300:2009 and HSE Publication.**

### BS8300:2009 and HSE Publication:

Slip Potential	Rz value <sup>1</sup>	PT Value <sup>1</sup>	
High Slip Potential	below 10µm	0-24	(minimum requirement)
Moderate Slip Potential	10-20Mm	25-35	
Low Slip Potential	20+Mm	36+	

### The average values for our standard treads are:

RZV <sup>2</sup>	24.65µm		low slip potential
PTV in dry condition <sup>3</sup>		60+	low slip potential
PTV in wet condition <sup>3</sup>		40-50	low slip potential

If you require any further details please e-mail  
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Quantum Profile Systems Ltd / September 2014

<sup>1</sup> RZV=Surface Roughness Values and PTV=Pendulum Text Values

<sup>2</sup> RZV values generated using a Surtronic Duo Rz Surface Roughness Meter, serial number 10243. The device was calibrated by Taylor Hobson Ltd. On 06/03/2013, UKAS certificate number 54219

<sup>3</sup> Results generated using a BS 7976 Munro Portable Skid Tester, serial number 9652. The device was calibrated by BSI on 23/01/14, UKAS certificate number 4657. The above results have been classified in accordance with the latest UKSRG Guidelines (Issue 4, 2011) and current UK Health & Safety Executive guidance.