



## Measurement of Floor Slip Resistance

UKSRG Issue 3 – October 2005

Job No 285594 – Geotextiles

<b>Client Details</b>	Temporary Floor Protection Limited		
Contact Name	Sam Warren		
Order Reference	SG/8010/638	Order Date	07/03/13

<b>Sample Details</b>			
Sample Type	TECDURA YELLOW MD	No Samples Received	1
Sampled By	Client	Sampling Date	Not advised
RSK Batch No	12673	No Samples Tested	1
Receipt Date	11/03/13	Test Date	14/03/13

<b>Methods</b>	
Preparation	Sub-sample cut from the provided roll and mounted on a smooth tile
Test	UKSRG Issue 3 2005
Deviations	None
Specification	UKSRG Issue 3 2005, Table 4 (Surface Roughness) and Table 5 (Pendulum)
Acceptance Criteria	See <i>Table 4</i> on page 2

### Results

The detailed results are given in *Table 2* (Pendulum testing) and *Table 3* (Surface roughness) on page 2. These are summarised as follows:

**Table 1. Results Summary**

Test and conditions	Mean Value	UKSRG Slip Potential
Pendulum Tester, Dry	65	Low
Pendulum Tester, Wet	53	Low
Surface Roughness*	85	Low

\* Surface roughness measurement is considered indicative only of the likely performance in wet or contaminated conditions (UKSRG Issue 3 Section 5)

Surfaces with Low slip potential are generally considered safe for pedestrian traffic

<b>Assessment against criteria</b>	See <i>Table 1: Low potential for slip in both dry and wet conditions</i>
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### Certification

Certificate prepared by	Certificate reviewed by		
<b>Dr Ian G Blanchard</b> Senior Consultant	<b>Paul Bennett-Hughes</b> Associate Director		
Tested by	IGB	Certificate issue date	14 May 2013

*The results given in this certificate relate only to those samples submitted and specimens tested and to any materials properly represented by those samples and specimens. Any opinions and interpretations are outside the scope of UKAS accreditation*

**DETAILED RESULTS**

**Table 2: Determined Slip Resistance Values from Pendulum Tester**

Finish: Yellow MD surface of geotextile membrane

Sample name and other details	Determination					
	1	2	3	4	5	6
	Surface Dry			Surface Wet		
TECDURA	64	65	66	52	54	54
	64	65	66	51	54	54
	64	65	66	51	54	53
	64	65	66	51	54	53
	64	65	66	51	54	53
Mean	64	65	66	51	54	53
<b>Overall Mean</b>	<b>65</b>			<b>53</b>		
<b>Classification*</b>	<b>Low</b>			<b>Low</b>		

\*Classification using 4S rubber slider (See Table 4 below)

**Table 3: Rz µm Surface Roughness Determination (Random Direction)**

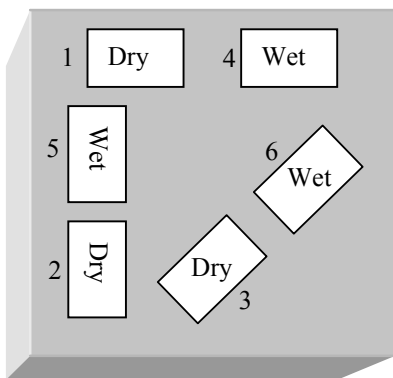
1	2	3	4	5	6	7	8	9	10	Mean
100.9	90.4	92.0	80.0	68.4	82.1	94.0	73.7	83.3	85.3	85.0
<b>Classification**</b>										<b>Low</b>

\*\*Classification using surface roughness (See Table 4 below)

**Table 4: UKSRG Slip Potential Classification**

Four S Pendulum Value	Surface Roughness	Potential for Slip
24 and below	Below 10	High
25 to 35	Between 10 and 20	Moderate
36 and above	Above 20	Low

**Figure 1: Approximate orientation of tests assuming 500 mm square sample**



Illustrative diagram only

End of Certificate