



Measurement of Floor Slip Resistance

UKSRG Issue 3 – October 2005

Job No 285594 – Geotextiles

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

Sample Details			
Sample Type	TECDURA ORANGE HD	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

Methods	
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	68	Low
Pendulum Tester, Wet	52	Low
Surface Roughness*	90.2	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

Assessment against criteria	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		
Dr Ian G Blanchard Senior Consultant	Paul Bennett-Hughes 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: Orange HD surface of geotextile membrane

Sample name and other details	Determination					
	1	2	3	4	5	6
	Surface Dry			Surface Wet		
TECDURA	69	69	66	54	53	51
	69	68	67	54	52	51
	69	68	67	54	52	51
	69	68	67	54	51	51
	69	68	68	54	51	51
Mean	69	68	67	54	52	51
Overall Mean	68			52		
Classification*	Low			Low		

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

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

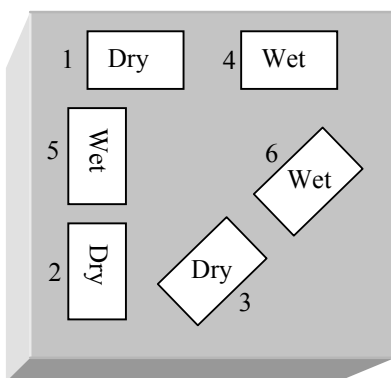
1	2	3	4	5	6	7	8	9	10	Mean
87.9	106.2	98.4	84.7	86.2	78.4	104.3	82.3	81.0	92.5	90.2
Classification**										Low

**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