



**TESTCONSULT LIMITED**

Bruton House, Stadium Way, Harlow, Essex, CM19 5FT  
Tel (01279) 729029 Fax (01279) 416879



**LABORATORY TEST REPORT  
SUBCONTRACTED TESTING REPORT**

<b>Project:</b> Slip Mat Testing	<b>Job No.:</b> 2821
<b>Client:</b> Tempoary Floor Protection Limited	<b>Lab Ref No.:</b> SA2168
	<b>Sample Ref.:</b> Not Given
	<b>Date Received:</b> 05/03/2013
	<b>Date Tested:</b> Various
<b>Originator</b> Sam Warren	<b>Date Reported:</b> 09/04/2013

Please see attached certificates.

**Approved Signature**

**TESTCONSULT LIMITED**

Marcus Baker, Operations Manager;  Steve Green, Senior Technician



BUREAU  
VERITAS

Bureau Veritas  
Consumer  
Products  
Services UK Ltd  
31 Kingsland  
Grange  
Woolston  
Warrington  
Cheshire  
WA1 4RW

# TEST REPORT

**Report Reference:** TR4244/121836

**Submitted By:** Testconsult Harlow, Bruton House, Stadium Way, Harlow,  
Essex, CM19 5FT  
**F.A.O:** Steve Green

**Order Date:** 13<sup>th</sup> March 2013

**Order No:** SG/8010/639

**Date of Receipt:** 13<sup>th</sup> March 2013

**Items Tested:** Slipmats  
**Colour:** Orange, Yellow  
**Style No:** TECDEURA  
**End Use:** Slipmats  
**Claimed:** None Claimed

**Specifications:** Testing as per British Standard Test Methods

TEST	METHOD	PASS	FAIL
Determination of the Permeability of Fabrics to Air	BS EN ISO 9237:1995	See Results	

**Results:** As detailed in this report

**Authorised By:** I Haigh

**Issue Date:** 18<sup>th</sup> March 2013



Tests marked 'Not UKAS Accredited' in this report are not included in the UKAS schedule for this laboratory. Opinions and interpretations expressed herein are outside the scope of the UKAS Accreditation.

The information contained within any report is based on current BVCPS UK Ltd knowledge and is given without guarantee. A satisfactory test report in no way implies that the product so tested is approved by BVCPS UK Ltd, UKAS or other body.

A report is a confidential document to the person or firm to whom it is issued and it will be strictly treated as such by BVCPS UK Ltd. It may not be reproduced either in its entirety or in part and may not be used for advertising. The person or firm to whom the report is issued may however show it or send it, or a certified copy thereof prepared by BVCPS UK Ltd, for the information of his customer, supplier or other persons directly concerned. BVCPS UK Ltd will not, without the written consent of the person or firm, enter into any discussion or correspondence with any third party concerning the contents of the report. In the event of the improper use of a report, BVCPS UK Ltd reserves the right to withdraw it or adopt any other remedy which may be appropriate.

Samples submitted for testing are accepted on the understanding that the report issued shall not form the basis of, or instrument for, any legal liability against BVCPS UK Ltd and applies specifically to the sample(s) tested and not necessarily to the bulk.

**Bureau Veritas Consumer Products Services UK Ltd, Registered in England & Wales, Company Number: 00852439  
Registered Office: 31 Kingsland Grange, Woolston, Warrington, Cheshire, WA1 4RW**

# TEST REPORT

**Report Reference:** TR4244/121836

**Items Tested:** Slipmats  
**Colour:** Orange, Yellow  
**Style No:** TECDEURA  
**End Use:** Slipmats  
**Claimed:** None Claimed

**Date of Receipt:** 13<sup>th</sup> March 2013

**Date of Test:** 14<sup>th</sup> March 2013

## ORANGE

TEST	RESULT	REQUIREMENTS	°C	%RH
Air Permeability - (As Received) Specimens having an area of 5.0cm <sup>2</sup> were tested with a pressure drop of 200 Pa The air flow was from the coated surface to the reverse	40.4 mm/second 35.5 mm/second 31.6 mm/second 30.0 mm/second 31.6 mm/second 31.6 mm/second 33.5 mm/second 34.5 mm/second 39.4 mm/second 42.4 mm/second  <b><u>Mean: 35.1 mm/second</u></b>	None Specified	22	65

## YELLOW

TEST	RESULT	REQUIREMENTS	°C	%RH
Air Permeability - (As Received) Specimens having an area of 5.0cm <sup>2</sup> were tested with a pressure drop of 200 Pa The air flow was from the coated surface to the reverse	55.2 mm/second 60.2 mm/second 63.1 mm/second 64.1 mm/second 61.1 mm/second 65.1 mm/second 61.1 mm/second 57.2 mm/second 57.2 mm/second 53.2 mm/second  <b><u>Mean: 59.8 mm/second</u></b>	None Specified	22	65



Technologist  
I Haigh



## Measurement of Floor Slip Resistance

UKSRG Issue 3 – October 2005

Job No 285594 – Geotextiles

<b>Client Details</b>	TestConsult Limited		
	Bruton House, Stadium Way, Harlow, CM19 5FT		
Contact Name	Steve Green		
Order Reference	SG/8010/638	Order Date	07/03/13

<b>Sample Details</b>			
Sample Type	Geotextile membrane – yellow	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	<b>Low</b>
Pendulum Tester, Wet	53	<b>Low</b>
Surface Roughness*	85	<b>Low</b>

\* 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>
------------------------------------	---

### Certification

Certificate prepared by	Certificate reviewed by
<b>Dr Ian G Blanchard</b> Senior Consultant	<b>Paul Bennett-Hughes</b> Associate Director
Tested by	Certificate issue date
IGB	18 March 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 surface of geotextile membrane

Sample name and other details	Determination					
	1	2	3	4	5	6
	Surface Dry			Surface Wet		
Yellow geotextile	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)**

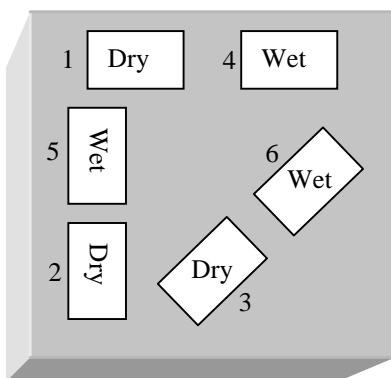
1	2	3	4	5	6	7	8	9	10	Mean
100.9	90.4	92.0	80.0	68.4	82.1	94.0	73.7	83.3	85.3	85.0
<b>Classification**</b>										<b>Low</b>

\*\*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



0278



## Measurement of Floor Slip Resistance

UKSRG Issue 3 – October 2005

Job No 285594 – Geotextiles

<b>Client Details</b>	TestConsult Limited		
	Bruton House, Stadium Way, Harlow, CM19 5FT		
Contact Name	Steve Green		
Order Reference	SG/8010/638	Order Date	07/03/13

<b>Sample Details</b>			
Sample Type	Geotextile membrane – orange	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	68	<b>Low</b>
Pendulum Tester, Wet	52	<b>Low</b>
Surface Roughness*	90.2	<b>Low</b>

\* 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>
------------------------------------	---

### Certification

Certificate prepared by	Certificate reviewed by
<b>Dr Ian G Blanchard</b> Senior Consultant	<b>Paul Bennett-Hughes</b> Associate Director
Tested by	Certificate issue date
IGB	18 March 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 surface of geotextile membrane

Sample name and other details	Determination					
	1	2	3	4	5	6
	Surface Dry			Surface Wet		
O2 - Orange geotextile	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
<b>Overall Mean</b>	<b>68</b>			<b>52</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)**

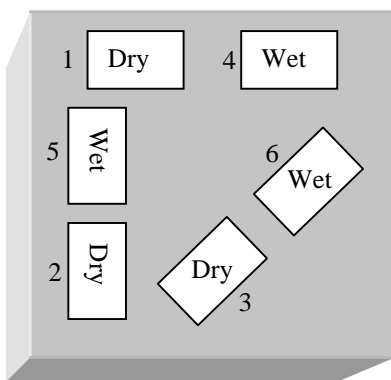
1	2	3	4	5	6	7	8	9	10	Mean
87.9	106.2	98.4	84.7	86.2	78.4	104.3	82.3	81.0	92.5	90.2
<b>Classification**</b>										<b>Low</b>

\*\*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