



Wira House  
West Park Ring Road  
Leeds, LS16 6QL

Tel: +44 (0)113 259 1999  
Fax: +44 (0)113 278 0306  
Web: <http://www.bttg.co.uk/bctc>  
Email: [CSLeeds@bttg.co.uk](mailto:CSLeeds@bttg.co.uk)

Our Ref: 2502760B/7/09  
Your Ref:  
Order No: 808819

18 August 2009  
Page 1 of 2

Client: Step on Safety Ltd  
PO Box 9182  
Maldon  
Essex  
CM9 9BG

Job Title: **Coefficient of Friction Test on One Entrance Flooring System**

Material Received: 22 July 2009

Description of Sample: **Smart Scraper**  
Metal and plastic entrance flooring scraper system

Measurements: 150cm x 150cm

Brief: BCTC were requested to carry out a Coefficient of Friction Test on the sample supplied.

UKAS Accreditation: Our Laboratories are UKAS accredited. However, it should be noted that tests marked \* are not UKAS accredited in this report. They are not included in the UKAS Accreditation Schedule for our laboratory, either due to the work not conforming fully to the standard (e.g. reduced number of specimens) or to it being outside the scope of our accreditation, or subcontracted.

Uncertainty: An estimation of uncertainty of measurement has not been taken into account when making a judgement to any pass/fail criteria.

Testing Atmosphere: Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles (BS EN ISO 139:2005) of 65±4% r.h. and 20±2°C.





Date: 18 August 2009  
 Our Ref: 2502760B/7/09  
 Your Ref:  
 Order No: 808819  
 Page 2 of 2

Step on Safety Ltd

**Determination of Coefficient of Friction**

The coefficient of friction was determined in dry and wet conditions, in the direction of manufacture using the TRRL Pendulum Tester with a TRRL Rubber slider. The sample was subjected to eight measurements in both conditions, in accordance with BS 7976-2: 2002. The mean pendulum test value was calculated over the last five measurements.


<u>Area No.</u>	<u>Coefficient of Friction</u>	
	<u>Dry</u>	<u>Wet</u>
1	110	95
2	110	95
3	105	95
4	100	90
5	105	95
Mean	106	94


**Note**

The following criteria have been provisionally agreed upon by the UK Slip Resistance Group.

<u>Condition of Flooring</u>	<u>Four S Rubber</u>	<u>TRRL Rubber</u>
Dangerous	24 and below	Below 19
Marginal	25 to 34	20 to 39
Satisfactory	35 to 64	40 to 74
Excellent	65 and above	Above 75

The information contained on page no's 1/2 of this certificate is hereby certified to be a correct statement of the tests and investigations carried out by the British Carpet Technical Centre on the materials referred to.

Signed.....  ..... Date 19 August 2009  
 K Pillinger  
 Laboratory Technician

Reported By.....  ..... Date 19 August 2009  
 P Doherty  
 Operational Head

