



Industrial Research Services

Materials Science & Engineering, Graham Road (PO Box 56), Highett, Victoria, Australia 3190
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Registered Testing Authority - CSIRO

25 November 2008

Our Ref. EN13 / 1073 03/0212

TEST REPORT No. 4624

Requested by: Guardian Tactile Systems Pty Ltd
on (date): 20 November 2008
Manufacturer: Guardian Tactile Systems Pty Ltd
Product Desc.: Guardian P.U. 300x300 Tactile Ground Surface Indicator - Black
300mm x 300mm

Sampling details:
Where: Delivered
Date: 20 November 2008
By whom: Courier
How (methods): N/A

The results reported relate only to the sample(s) tested and the information received. No responsibility is taken for the accuracy of the sampling unless it is done under our own supervision. CSIRO cannot accept responsibility for deviations in the manufactured quality and performance of the product. While CSIRO takes care in preparing the reports it provides to clients, it does not warrant that the information in this particular report will be free of errors or omissions or that it will be suitable for the client's purposes. CSIRO will not be responsible for the results of any actions taken by the client or any other person on the basis of the information contained in the report or any opinions expressed in it. The reproduction of this test report is only authorised in the form of a complete photographic facsimile. Our written approval is necessary for any partial reproduction.

This test report consists of 3 pages

SUMMARY OF TESTS PERFORMED:

ASTM C1353:1998	Abrasion resistance of dimension stone by the Taber Abraser.	Index of Abrasion:	631.58
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ABRASION RESISTANCE OF DIMENSION STONE BY THE TABER ABRASER

TEST CARRIED OUT IN ACCORDANCE WITH
ASTM C1353: 1998

Test Date: 24 November 2008

RESULTS Location: CTS Laboratory
Laboratory conditions: Temp: 23C RH: 50%

Number of specimens: 3
Revolutions run: 1000

Tile	Initial weight (gm)	Final weight (gm)	Weight loss (gm)	Bulk density (gm/cm ³)	Index of Abrasion
1	38.28	38.24	0.04	1.16	1065.83
2	40.18	40.06	0.12	1.16	355.25
3	40.27	40.18	0.09	1.16	473.67

Average weight loss = 0.08 gm

Average Index of Abrasion = 631.58



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Date and Place 25 November 2008, Highett, Vic

Name, Title and Digital Signature:

A digital signature of Peter Westgate, written in a cursive script, overlaid on a light blue circular background that contains a stylized map of Australia. Below the signature is the word 'CSIRO' in a light blue, sans-serif font.

CSIRO

PETER WESTGATE
Project Leader

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Consulting services are available if further detailed analysis of the test results are required.

PR:W251108-12:22:19