



## Industrial Research Services

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

15 October 2009

Our Ref. EN13 / 1073 03/0212

### TEST REPORT No. 5112.2s

[Testing process based on ASTM C1353]

Requested by: Guardian Tactile Systems Pty Ltd  
on (date): 9 October 2009  
Manufacturer: Guardian Tactile Systems Pty Ltd  
Product Desc.: Yellow Fibreglass Stair Treads  
100x1000mm

Sampling details:  
Where: Delivered  
Date: 9 October 2009  
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:	25.79
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CSIRO

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PRODUCER: Guardian Tactile Systems Pty Ltd  
TILE DESC: Yellow Fibreglass Stair Treads  
100x1000mm

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**ABRASION RESISTANCE OF DIMENSION STONE BY THE TABER ABRASER**

TEST CARRIED OUT IN ACCORDANCE WITH  
ASTM C1353: 1998

Test Date: 14 October 2009

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 <sup>3</sup> )	Index of Abrasion
1	68.56	67.07	1.49	1.00	24.66
2	69.94	68.57	1.37	1.00	26.82
3	69.46	68.04	1.42	1.00	25.88

**Average weight loss = 1.43 gm**

**Average Index of Abrasion = 25.79**

Comments:  
Testing process based on ASTM C1353



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Date and Place 15 October 2009, Highett, Vic

Name, Title and Digital Signature:



**GERALD FISHER**  
**Laboratory Technician**

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

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