



Gate 5, 2 Normanby Road, Clayton, Victoria 3168, Australia
Telephone: 61 3 9545 2777 Facsimile: 61 3 9544 1128 Web: <http://www.csiro.au>
ABN 41 687 119 230

TEST REPORT No. 7687.1A

"This report replaces CSIRO report 7687.1"

01 July 2016

Our Ref: EN 13/41

Customer:	Coulson Tiles Pty Ltd Warren Prince
Address:	7 Chifley Drive, Mentone, VIC 3194
Manufacturer:	Imex International Co. Ltd.
Product Description:	Fibre Mesh Swimming pool glass mosaics
Sampling Details:	By customer
Date:	30 May 2016
How (methods):	N/A

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This test report consists of 4 pages.



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MANUFACTURER: Imex International Co. Ltd.
PRODUCTION DESCRIPTION: Fibre Mesh Swimming pool glass mosaics

DETERMINATION THE EXPOSED GLUE AND MESH-FREE AREAS

AS 3958.1-2007 Part 1: Guide to the installation of ceramic tiles Test Date: 01 July 2016
 Section 2.2.2 Clause 5.6.4.2 Tiling adhesive coverage

Laboratory: CSIRO, Clayton
Test Conditions: 22.7°C and 50.9% RH
Sample size: 20.00 x 20.00mm

RESULTS:

THE EXPOSED GLUE AND MESH-FREE AREAS

Sample #	Small mosaic size (mm)	Surface area of mosaic (mm ²)	Surface area of meshes with glue on mosaic back (mm ²)	Free space %
1	20.00x19.83	396.60	29.76	92
2	19.75x20.05	395.99	28.68	93
3	20.12x19.90	400.39	25.50	94
4	20.08x19.92	399.99	29.00	93
5	19.79x20.06	396.99	19.71	95
6	19.80x20.01	396.20	33.52	92
7	19.76x20.01	395.40	30.68	92
8	19.79x19.97	395.21	26.96	93
9	19.84x20.01	397.00	25.58	94
10	20.10x19.82	398.38	26.03	93
Average				93

Requirements:

- Residential floors 80%**
- Commercial and industrial walls 80%**
- Commercial and industrial floors 90%**
- Wet areas 90%**
- Swimming pools 90%**
- External walls 90%**
- Exterior floors, decks and roofs 90%**

Average exposed glue and mesh-free areas:

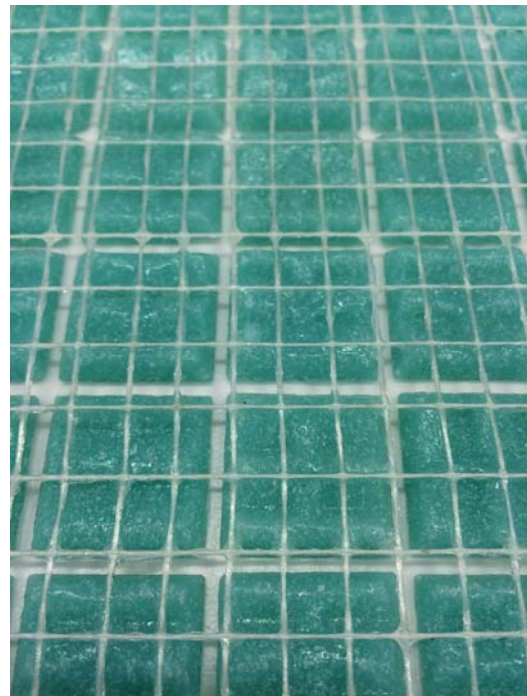
93%

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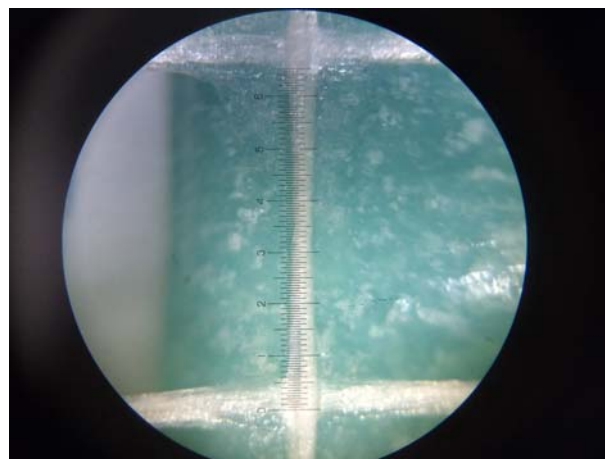
Exposed glue and mesh-free areas measurement:



Top surface



Bottom surface



Close up

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Prepared on behalf of CSIRO by:

Name: Khanh Ho
Position: Research Project Officer
Date: 01 July 2016

Signature



Authorised by:

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Date: 01 July 2016

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