



## Industrial Research Services

Materials Science and Engineering, 14 Julius Ave, North Ryde, NSW, Australia, 2113  
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### Registered Testing Authority - CSIRO

3 September 2008

Our Ref. ES13/1609 03/0212

### TEST REPORT SY 4529-5

Requested by: Drytreat Pty Ltd  
Contact Name: Gabriel Chapman  
on (date): 26 June 2008  
Product Description: JUPARANA COLOMBO granite sealed with Dry Treat Stain Proof Meta Creme

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This test report consists of 3 pages

#### SUMMARY OF TESTS PERFORMED

##### Depth of Penetration (DoP)

Average DoP:

8mm

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### MEASUREMENT OF DEPTH OF PENETRATION

Test Location: Ceramic Tile Laboratory Test Date: 27 August 2008

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Testing conducted by: Hugh McMullen

**METHOD:** CSIRO applied Dry Treat Stain Proof Meta Creme in a 2-3mm thick layer, using a brush, to an 11mm thick JUPARANA COLOMBO granite tile. This crème was allowed to penetrate the tile for 6 hours. The excess was wiped away with a cotton cloth. The treated samples sat in laboratory conditions (23°C and 55% R/H) for seven days. A cross sectional cut was made across the diagonal of the tile with a manual tile cutter. The freshly exposed faces were wet with a spray of a 10% solution of red food dye in water. The water and dye was absorbed into the areas of the tile that the sealer had not penetrated. The depth of penetration was measured to the nearest millimetre with a pair of sliding calipers at 10 locations along the exposed faces.

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#### RESULTS:

##### DEPTH of PENETRATION

Location	Depth of Penetration (mm)
1	8
2	7
3	10
4	9
5	8
6	7
7	8
8	6
9	7
10	8
<b>Mean:</b>	<b>7.8</b>

Reported Mean DoP: 8mm

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Date and Place 3 September 2008, North Ryde, NSW

Name, Title and Digital Signature:

*Hugh McMullen.*

**HUGH McMULLEN**  
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