

# TEST REPORT



Your Ref: -

Date: 18 Jan 2006

Our Ref: 54S060184/ED

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DID: 6885 1414

Fax: 6779 3903

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## SUBJECT:

Testing of concrete cubes with concrete sealer

## TESTED FOR:

Warrior Pte Ltd  
Block 17 Marsiling Industrial Estate Road 1  
#01-11, Singapore 739279

Attn: Mr Patrick See

## SAMPLE DESCRIPTION:

The following items were received on 28 December 2005 as shown:

Sample/Substrate	Volume	Quantity
Concrete sealer 'W-4 Water Repellent Non-Visible Concrete Sealer' 150 mm light weight concrete cube	100 ml	1 bottle 6 pcs

The test samples were prepared by PSB Corporation.

Area of application	Quantity
All sides	3 pcs



**TEST METHOD:**

Adopted BS 1881 : Part 122 : 1983  
 Testing Concrete  
 Part 122 : Method for Determination of Water Absorption

Substrate : 150mm light weight concrete cube (with concrete sealer)  
 and 150mm light weight concrete cube (control blank)  
 Conditioning prior to immersion : 105 ± 5°C for 72 hours  
 Immersion period : 30 minutes  
 No. of determinations : 3 per sample and control/blank

**CONDITIONING:**

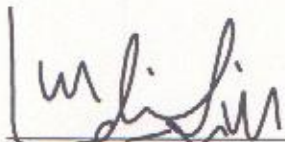
Unless otherwise specified, all test specimens were conditioned at 23 ± 2°C, 70 ± 15% relative humidity and tested at 23 ± 2°C, 65 ± 5% relative humidity

**TEST RESULTS:**

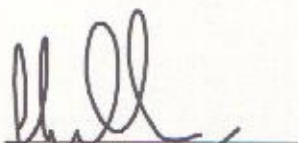
Test	Unit	Concrete Cube with 'W-4 Water Repellent Non-Visible Concrete Sealer'	Control/Blank
Water Absorption, Average	%	0.01	1.4

**REMARKS:**

1. Test age : 7 days cured in air minimum prior to test.
2. As specified by the client:
  - (a) One part of the concrete sealer was diluted with ten parts of clean water by weight.
  - (b) The usage was within 24 hours after dilution.
  - (c) Two coats were applied to the damp substrates.



EDDIE SUWAND  
 ASSOCIATE ENGINEER



CHRISTINA LOH  
 PRODUCT MANAGER  
 POLYMER PRODUCTS  
 TESTING GROUP

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May 2005