



**CLIENT:** Insulating Technology Pty Ltd  
3/14 Regent Crescent  
Moorebank NSW 2170

**YOUR REF:** Coatings Testing

**OUR REF:** J/N 61/17179/01

## Certificate of Test No. 5398

**Sample:** Insultec-1 System

**Date Received:** 16 March 2006

**Date Tested:** 12 June – 11 July 2006

**From:**

**Description & Condition:** 1 –off container of Insultec-1, approximately 4L  
1 –off container of R33X Primer, approximately 1L

**TEST DESCRIPTION:** REDUCTION IN WATER ABSORPTION

### Sample Preparation:

Coating system consisted of 1 coat of R33X Primer (applied at WFT 100  $\mu\text{m}$ ) and 1 coat of Insultec-1 (applied at WFT 500  $\mu\text{m}$ ), to N30 grade concrete block by brush. Recoat interval was 2 hours. Test samples was conditioned at  $23\pm 2^\circ\text{C}$  prior to test.

### Test Method:

Reduction in Water Absorption carried out in accordance with ASTM C642-97 "Standard Test Method for Density, Absorption and Voids in Hardened Concrete", except initial drying at  $23\pm 2^\circ\text{C}$ .

Tested By  
N. Nguyen, Chemist

11/07/06

Date

Approved By  
A.M. Peek, Principal Materials Scientist

Date

**Test Results:**

GHD Sample No.	Sample ID	Water Absorption % w/w	Reduction in Water Absorption %
P27652E P27652J	Control Control	1.73 1.80	
	<b>Average</b>	<b>1.76</b>	
P27563C P27563D	R33X Primer & Insultec -1 R33X Primer & Insultec -1	0.55 0.54	
	<b>Average</b>	<b>0.54</b>	<b>70</b>