

Test Report No. 0719157228/ED  
dated 6 Oct 2009



PSB Singapore

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**SUBJECT:**

Testing of magnesium silicate board

**TESTED FOR:**

Triple Lite Incorporated  
2F, No. 78 Fen Liao Road, Sec.  
1 Linkou Hsiang  
Taipei Hsien  
Taiwan  
Republic Of China

Attn: Ms Julie Huang

**SAMPLE DESCRIPTION:**

The following items were received on 31 Aug 2009 as shown:

Sample	Nominal Size	Quantity
*Trilite RMS - Reinforced Magnesium Silicate Board	276 mm x 15 mm	8 pcs

**TEST METHOD:**

Water Vapour Transmission

Adopted BS EN ISO 12572 : 2001 Hygrothermal Performance Of Building Materials And Products  
Determination Of Water Vapour Transmission Properties  
Cross-reference : BS EN 12096 : 1997  
Thermal Insulating Products For Building Applications  
Determination Of Water Vapour Transmission Properties

Method : Desiccant  
Test conditions : 23 ± 1°C and 85 ± 2% relative humidity  
No. of determinations : 3



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**CONDITIONING:**

Unless otherwise specified, all test specimens were conditioned at  $23 \pm 2^\circ\text{C}$ ,  $70 \pm 15\%$  relative humidity and tested at  $23 \pm 2^\circ\text{C}$ ,  $65 \pm 5\%$  relative humidity.

**TEST RESULT:**

Test	Unit	'Trilite RMS' Reinforced Magnesium Silicate Board'
Water Vapour Transmission, average	g/m <sup>2</sup> -day	48.1

**REMARKS:**

The test conditions were specified by the client

Eddie Suwand  
Associate Engineer

Raymond Tan  
Senior Engineer  
Building & Acoustics  
Mechanical Centre

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March 2009