

Test Report No. S09MEC05813/ED
dated 30 Sep 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'	50 mm cube (1 pc, each between 8 and 12 mm stacked and bonded to another piece to make up to 5 pcs)	10 pcs

TEST METHOD:

Compressive Strength

Adopted BS EN 12390-3 : 2009
Testing Hardened Concrete
Compressive Strength Of Test Specimens

Loading rate : 0.3 mm/min
No. of determinations : 5



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TÜV SÜD PSB Pte. Ltd.
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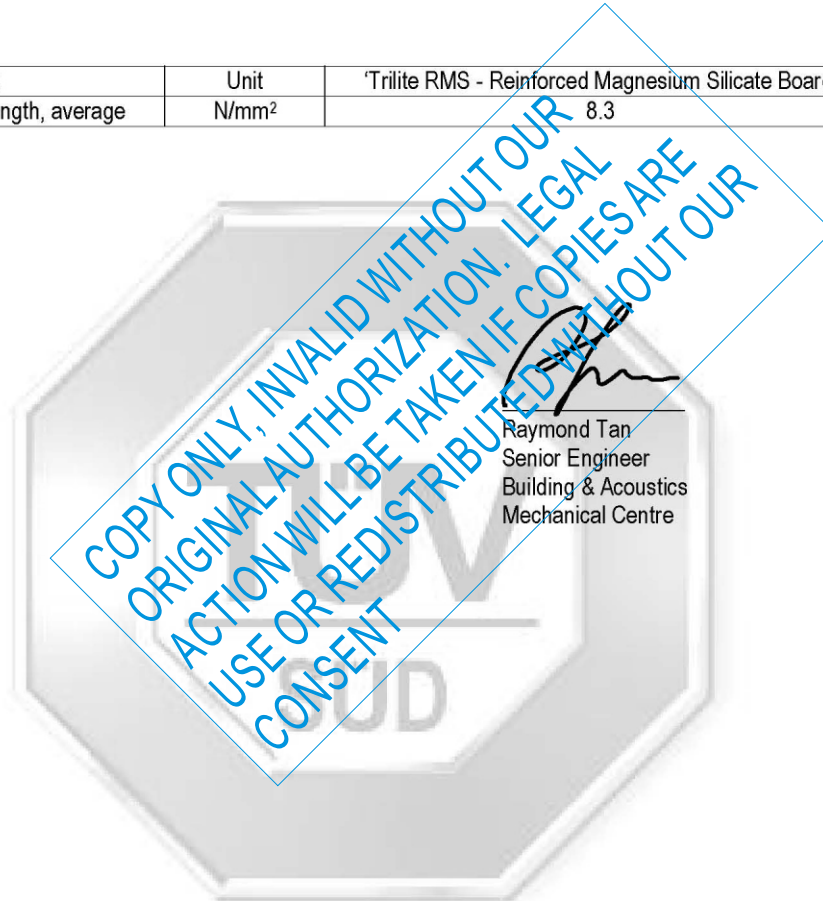
CONDITIONING:

Unless otherwise specified, all test specimens were conditioned at $23 \pm 2^\circ\text{C}$, $70 \pm 15\%$ relative humidity and tested at $23 \pm 2^\circ\text{C}$, $50 \pm 5\%$ relative humidity.

TEST RESULT:

Test	Unit	'Trilite RMS - Reinforced Magnesium Silicate Board'
Compressive Strength, average	N/mm ²	8.3

Eddie Suwand
Associate Engineer



Raymond Tan
Senior Engineer
Building & Acoustics
Mechanical Centre



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March 2009