

Test Report No. 7191058019 - MEC13/02B - TYK
dated 30 Aug 2013



PSB Singapore

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Thermal Conductivity Test

Tested for: **Everest Industries Limited**
The Genesis, A-32
Mohan Cooperative Industrial Estate
Mathura Road
110048 New Delhi
India

Attn : **Mr. Jasmit Singh**

Description of sample: Two pieces of **Insulation Material** of nominal size 300 mm (L) x 300 mm (W) x 10 mm (TK) were submitted on 23rd July 2013.

Sample Description: Fibre Cement Board / HEAVY DUTY FIBRE CEMENT BOARD

Test standard: 1) ASTM C518 : 2010 Standard test method for steady-state thermal transmission properties by means of the heat flow meter.
2) The thermal conductivity of material was measured by using a heat flow meter calibrated with standard fibreglass sample of thickness of 25mm

TEST RESULTS:

Test	Unit	Sample : Fibre Cement Board / HEAVY DUTY FIBRE CEMENT BOARD
Thermal conductivity test		
a. Dimension of specimen	mm	299.5 (L) x 300 (W) x 9.73 (TK)
b. Density	kg/m ³	1440.55
c. Temperature of hot face	°C	34.91
d. Temperature of cold face	°C	14.61
e. Mean temperature	°C	24.76
f. Thermal conductivity	W/mK (Kcal/mhK)	0.0862 0.0741

* 1 W/mK = 0.859845 Kcal/mhK



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APPENDIX:

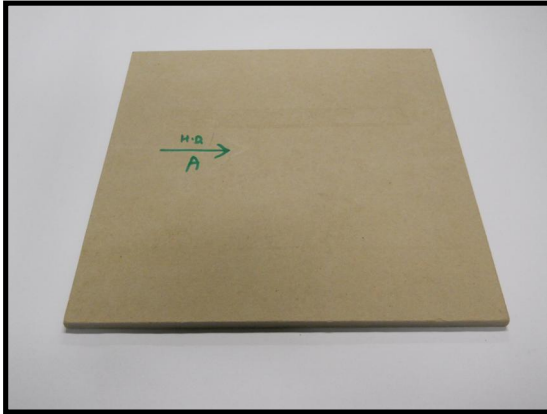


Photo 1: Sample as received, Side 1

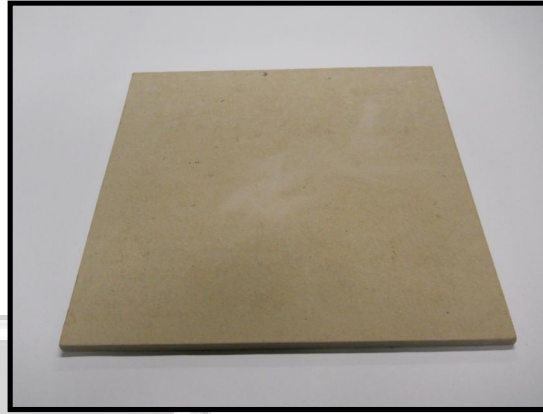


Photo 2: Sample as received, Side 2



Fabien Tan
Associate Engineer

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Product Manager
Green Product
Mechanical Centre



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July 2011

