

Classification Report No. 7191189264-MEC18/3-LGJ
dated 19 July 2018



PSB Singapore

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CLASSIFICATION OF REACTION TO FIRE
IN ACCORDANCE WITH EN 13501-1:2007 +A1: 2009

Sponsor :

Promat International (Asia Pacific) Ltd
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302-308 Hennessy Road
Wan Chai, Hong Kong

Prepared by:

TÜV SÜD PSB Pte Ltd

Product name:

'KALSI' (6mm thick, 1422kg/m³) Fiber Cement board material

This classification report consists of five pages and may only be used or reproduced in its entirety.



LA-2007-0380-A
LA-2007-0381-F
LA-2007-0382-B
LA-2007-0383-G

LA-2007-0384-G
LA-2007-0385-E
LA-2007-0386-C
LA-2010-0464-D

The results reported herein have been performed in accordance with the laboratory's terms of accreditation under the Singapore Accreditation Council - Singapore Laboratory Accreditation Scheme. Tests/Calibrations marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our laboratory.

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TUV®



1. Introduction

This classification report defines the classification assigned 'KALSI' (6mm thick, 1422kg/m³) Fiber Cement board material in accordance with the procedures given in EN 13501-1: 2007+A1:2009.

2. Details of classified product

2.1. End use application

The product is 'KALSI' (6mm thick, 1422kg/m³) Fiber Cement board material for use as internal & external building boards.

2.2. Product description

The product is fully described in the test reports in support of this classification listed in clause 3.1

3. Test reports and results in support of classification

3.1 Test reports

Name of laboratory	Name of sponsor	Test report reference	Test method
TÜV SÜD PSB Pte Ltd	Promat International (Asia Pacific) Ltd	7191189246-MEC18/1-JV dated 19 July 2018	BS EN ISO 1716: 2010
TÜV SÜD PSB Pte Ltd	Promat International (Asia Pacific) Ltd	7191189246-MEC18/2-JV dated 19 July 2018	BS EN ISO 1182: 2010

3.2. Results

Test method	Parameters	Number of tests	Test results		
			Continuous parameters (mean values)	Compliance parameters	
BS EN ISO 1716	PCS (MJ/kg)	3	0.69	≤ 2.0	Compliant
BS EN ISO 1182	ΔT (°C)	5	5.0	≤ 30	Compliant
	Δm (%)		18.3	≤ 50	Compliant
	T _i (sec)		0	0	Compliant



4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with clause 11 of EN 13501-1: 2007 +A1: 2009.

4.2. Classification

The product, 'KALSI' (6mm thick, 1422kg/m³) Fiber Cement board material, in relation to its reaction to fire behaviour meet the requirements to be classified as **A1**.

Therefore, the classification of 'KALSI' (6mm thick, 1422kg/m³) Fiber Cement board material in accordance with BS EN 13501-1: 2007 +A1:2009 is:

Reaction to fire classification: A1

A handwritten signature in black ink, appearing to read 'J. K. Ng'.




4.3. End use application and product parameter

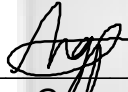
The classification in clause 4.2 only applies to the product described in clause 2 of this report and is only valid for the following parameters and applications:

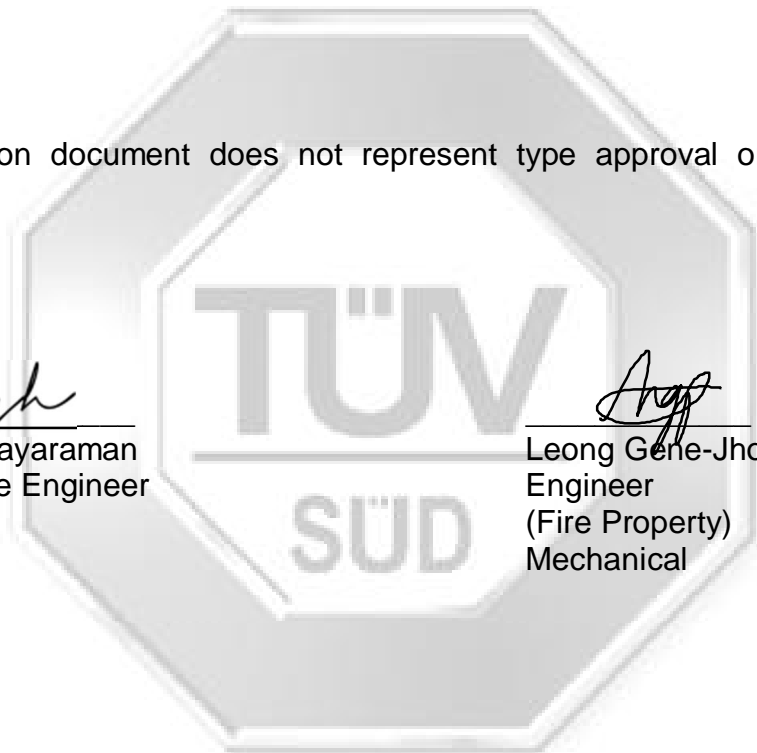
- Internal & external building boards

5.0 Limitation

This classification document does not represent type approval or certification of the product.


Vikneshwaran Jayaraman
Higher Associate Engineer


Leong Gene-Jhou
Engineer
(Fire Property)
Mechanical





Please note that this Report is issued under the following terms:

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July 2011

