

**Classification Report No. 7191128873-MEC15/3-LGJ**  
dated 05 Feb 2016



PSB Singapore

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

**Sponsor :**

UAC Bhd  
Level 10 MENARA UAC  
12 Jalan PJU 7/5, Mutiara Damansara  
47800 Petaling Jaya  
Selangor Darul Ehsan, Malaysia  
P.O. Box 9133, Pejabat Pos Kelana Jaya  
46805 Petaling Jaya  
Selangor Darul Ehsan, Malaysia

**Prepared by:**

TÜV SÜD PSB Pte Ltd

**Product name:**

'UCO SolidPanel' precast lightweight wall panel (49mm thick, 927 kg/m<sup>3</sup>)

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



LA-2007-0380-A LA-2007-0384-G  
LA-2007-0381-F LA-2007-0385-E  
LA-2007-0382-B LA-2007-0386-C  
LA-2007-0383-G 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.

Laboratory:  
TÜV SÜD PSB Pte. Ltd.  
No.1 Science Park Drive  
Singapore 118221

Phone : +65-6885 1333  
Fax : +65-6776 8670  
E-mail: enquiries@tuv-sud-psb.sg  
www.tuv-sud-psb.sg  
Co. Reg : 199002667R

Regional Head Office:  
TÜV SÜD Asia Pacific Pte. Ltd.  
1 Science Park Drive, #02-01  
Singapore 118221  
TUV®



## 1. Introduction

This classification report defines the classification assigned to 'UCO SolidPanel' precast lightweight wall panel (49mm thick, 927 kg/m<sup>3</sup>) 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 'UCO SolidPanel' precast lightweight wall panel (49mm thick, 927 kg/m<sup>3</sup>) for use in external and internal wall system.

### 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	UAC Bhd	7191128873-MEC15/1-JV dated 05 Feb 2016	BS EN ISO 1716: 2010
TÜV SÜD PSB Pte Ltd	UAC Bhd	7191128873-MEC15/2-JV dated 14 Jan 2016	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	-0.09	≤ 2.0	Compliant
BS EN ISO 1182	ΔT (°C)	5	21.7	≤ 30	Compliant
	Δm (%)		9.0	≤ 50	Compliant
	T <sub>i</sub> (sec)		0	0	Compliant



#### 4. Classification and field of application

##### 4.1. Reference of classification

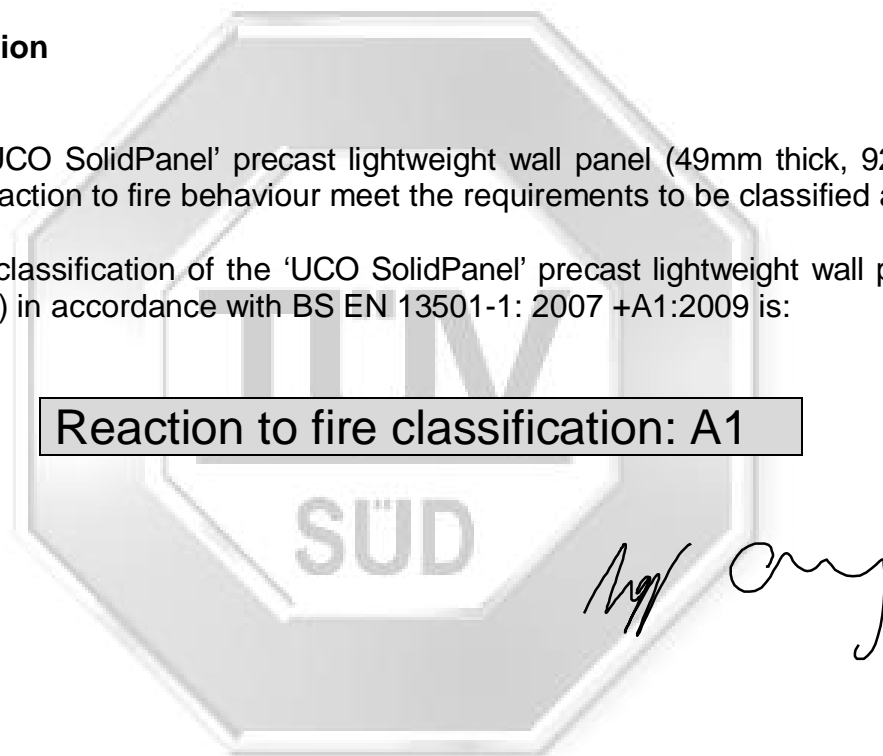
This classification has been carried out in accordance with clause 11.8.1 of EN 13501-1: 2007 +A1: 2009.

##### 4.2. Classification

The product, 'UCO SolidPanel' precast lightweight wall panel (49mm thick, 927 kg/m<sup>3</sup>), in relation to its reaction to fire behaviour meet the requirements to be classified as **A1**.

Therefore, the classification of the 'UCO SolidPanel' precast lightweight wall panel (49mm thick, 927 kg/m<sup>3</sup>) in accordance with BS EN 13501-1: 2007 +A1:2009 is:

Reaction to fire classification: A1






#### 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:

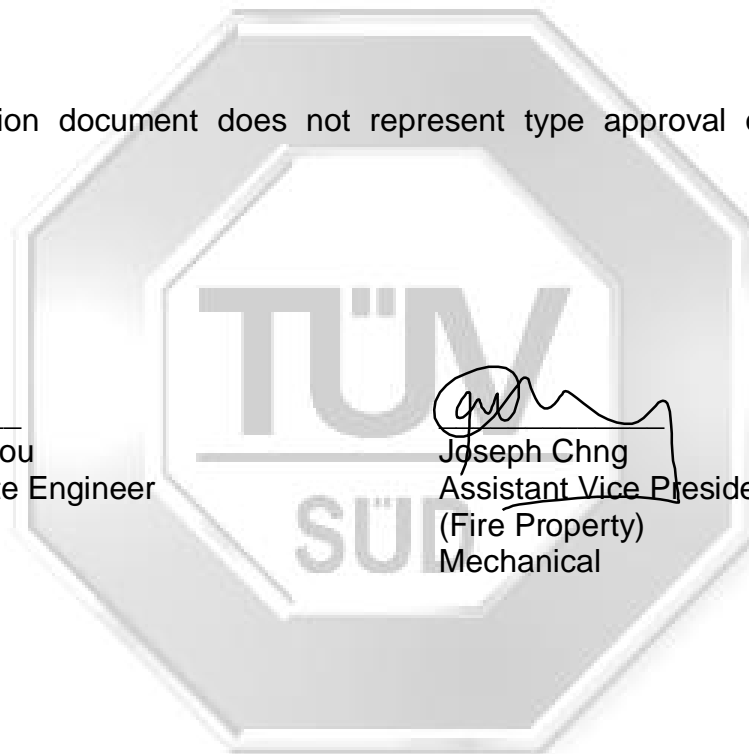
- External and Internal Wall System

#### 5.0 Limitation

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

  
\_\_\_\_\_  
Leong Gene-Jhou  
Senior Associate Engineer

  
\_\_\_\_\_  
Joseph Chng  
Assistant Vice President  
(Fire Property)  
Mechanical





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July 2011

