

**Classification Report No. 7191193901-MEC18/A3-LGJ**  
**dated 28 September 2018**



PSB Singapore

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

**Sponsor:**

Woven Image  
37-39 Chard Road  
Brookvale  
NSW 2100  
Australia

**Prepared by:**

TÜV SÜD PSB Pte Ltd

**Product name:**

'Woven Image' (9mm thick, 239kg/m<sup>3</sup>) 100% PET Muse Tile  
Printed material

*Vik Ng*

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

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**TUV®**

## 1. Introduction

This classification report defines the classification assigned to 'Woven Image' (9mm thick, 239kg/m<sup>3</sup>) 100% PET Muse Tile Printed material in accordance with the procedures given in BS EN 13501-1: 2007+A1:2009.

## 2. Details of classified product

### 2.1. End use application

This product 'Woven Image' (9mm thick, 239kg/m<sup>3</sup>) 100% PET Muse Tile Printed material is to be used as wall covering.

### 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	Woven Image	7191193901-MEC18/A1-JV dated 28 Sep 2018	BS EN ISO 9239-1: 2010
TÜV SÜD PSB Pte Ltd	Woven Image	7191193901-MEC18/A2-JV dated 28 Sep 2018	BS EN ISO 11925-2: 2010

Test method	Parameters	Number of tests	Test results	
			Measured parameters (mean values)	Compliance parameters for C-s1, d2
BS EN 13823	FIGRA <sub>0.2MJ</sub> (W/s)	3	149.1	≤ 250
	FIGRA <sub>0.4MJ</sub> (W/s)		149.1	
	THR <sub>600s</sub> (MJ)		6.0	≤ 15
	LFS to edge (Yes / No)		No	No
	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )		8.7	≤ 30
	TSP <sub>600s</sub> (m <sup>2</sup> )		44.3	≤ 50
	Flaming Droplets / Particles (sec)		Yes	Yes
BS EN ISO 11925-2: 2010	Vertical flame spread (surface) (mm)	6	48.3	F <sub>s</sub> ≤ 150mm within 60 sec
	Vertical flame spread (edge) (mm)	6	35.0	

“(\*)” – denotes threshold not reached

*Uik*

#### 4. Classification and field of application

##### 4.1. Reference of classification

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

##### 4.2. Classification

The product, 'Woven Image' (9mm thick, 239kg/m<sup>3</sup>) 100% PET Muse Tile Printed material, in relation to its reaction to fire behaviour meets the requirements to be classified as **C**.

The additional classification in relation to smoke production is: **s1**

The additional classification in relation to flaming droplets / particles is: **d2**

Fire behaviour		Smoke production			Flaming droplets	
<b>C</b>	<b>-</b>	<b>s</b>	<b>1</b>	<b>,</b>	<b>d</b>	<b>2</b>

Therefore, the classification of 'Woven Image' (9mm thick, 239kg/m<sup>3</sup>) 100% PET Muse Tile Printed material, in accordance with BS EN 13501-1: 2007 +A1:2009 is:

**Reaction to fire classification: C-s1,d2**





#### 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:

- Wall covering

#### 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



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July 2011

