

**Classification Report No. 7191270840-MEC21/03-JV**  
**dated 03 Dec 2021**

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

**Sponsor:**

Woven Image Pty Ltd  
37-39 Chard Road  
Brookvale NSW 2100  
Australia

**Prepared by:**

TÜV SÜD PSB Pte Ltd

**Product name:**

Brand: "Woven Image" Model: "Embossed Panel IV" (9mm thick, 2.57 kg/m<sup>2</sup>) 100% Polyethylene Terephthalate (PET) (51% recycled) panel material

*Vik* *Kan*

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  
LA-2018-0702-B  
LA-2018-0703-G  
LA-2020-0747-L

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## 1. Introduction

This classification report defines the classification assigned Brand: "Woven Image" Model: "Embossed Panel IV" (9mm thick, 2.57 kg/m<sup>2</sup>) 100% Polyethylene Terephthalate (PET) (51% recycled) panel 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 Brand: "Woven Image" Model: "Embossed Panel IV" (9mm thick, 2.57 kg/m<sup>2</sup>) 100% Polyethylene Terephthalate (PET) (51% recycled) panel material is to be used as wall and ceiling panel.

### 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 Pty Ltd	7191270840-MEC21/01-JV dated 03 Dec 2021	BS EN 13823: 2010
TÜV SÜD PSB Pte Ltd	Woven Image Pty Ltd	7191270840-MEC21/02-JV dated 03 Dec 2021	BS EN ISO 11925-2: 2010

Test method	Parameters	Number of tests	Test results	
			Measured parameters (mean values)	Compliance parameters for B-s1, d0
BS EN 13823	FIGRA <sub>0.2MJ</sub> (W/s)	3	63.8	≤ 120
	FIGRA <sub>0.4MJ</sub> (W/s)		63.8	
	THR <sub>600s</sub> (MJ)		3.6	≤ 7.5
	LFS to edge (Yes / No)		No	No
	SMOGR <sub>A</sub> (m <sup>2</sup> /s <sup>2</sup> )		7.7	≤ 30
	TSP <sub>600s</sub> (m <sup>2</sup> )		33.1	≤ 50
	Flaming Droplets / Particles (sec)		No	No
BS EN ISO 11925-2: 2010	Vertical flame spread (surface) (mm)	6	55.5	F <sub>s</sub> ≤ 150mm within 60 sec
	Vertical flame spread (edge) (mm)	6	38.3	

*Uik* *han*



#### 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, Brand: "Woven Image" Model: "Embossed Panel IV" (9mm thick, 2.57 kg/m<sup>2</sup>) 100% Polyethylene Terephthalate (PET) (51% recycled) panel material, in relation to its reaction to fire behaviour meets the requirements to be classified as **B**.

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

The additional classification in relation to flaming droplets / particles is: **d0**

Fire behaviour		Smoke production			Flaming droplets	
<b>B</b>	<b>-</b>	<b>s</b>	<b>1</b>	<b>,</b>	<b>d</b>	<b>0</b>

Therefore, the classification of Brand: "Woven Image" Model: "Embossed Panel IV" (9mm thick, 2.57 kg/m<sup>2</sup>) 100% Polyethylene Terephthalate (PET) (51% recycled) panel material, in accordance with BS EN 13501-1: 2007 +A1: 2009 is:

**Reaction to fire classification: B-s1, d0**

*Vik* *Kan*



#### 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 and ceiling panel

#### 5.0 Limitation

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



  
Vikneshwaran Jayaraman  
Assistant Manager

  
Chan Lung Toa  
Assistant Vice President  
Fire Testing  
Mechanical Centre

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Effective 26 January 2021

