

Classification Report No. 7191232139-MEC20/03-JV
dated 13 May 2020

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

Sponsor :

Woven Image Pty Ltd
1A Club Street
Singapore 069400

Prepared by:

TÜV SÜD PSB Pte Ltd

Product name:

'WOVEN IMAGE' 'Emboss Panel 2' (9mm thick, 2.575 kg/m²)
100% Polyethylene Terephthalate (PET) material

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



LA-2007-0380-A LA-2007-0385-E
LA-2007-0381-F LA-2007-0386-C
LA-2007-0382-B LA-2010-0464-D
LA-2007-0383-G LA-2018-0702-B
LA-2007-0384-G LA-2018-0703-G

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TÜV®

1. Introduction

This classification report defines the classification assigned to 'WOVEN IMAGE' 'Emboss Panel 2' (9mm thick, 2.575 kg/m²) 100% Polyethylene Terephthalate (PET) 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' 'Emboss Panel 2' (9mm thick, 2.575 kg/m²) 100% Polyethylene Terephthalate (PET) 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 Pty Ltd | 7191232139-MEC20/01-JV dated 13 May 2020 | BS EN 13823: 2010 |
| TÜV SÜD PSB Pte Ltd | Woven Image Pty Ltd | 7191232139-MEC20/02-JV dated 13 May 2020 | BS EN ISO 11925-2: 2010 |

| Test method | Parameters | Number of tests | Test results | |
|-------------------------|---|-----------------|-----------------------------------|--------------------------------------|
| | | | Measured parameters (mean values) | Compliance parameters for B-s2, d0 |
| BS EN 13823 | FIGRA _{0.2MJ} (W/s) | 3 | 47.1 | ≤ 120 |
| | FIGRA _{0.4MJ} (W/s) | | 47.1 | |
| | THR _{600s} (MJ) | | 4.1 | ≤ 7.5 |
| | LFS to edge (Yes / No) | | No | No |
| | SMOGR (m ² /s ²) | | 10.3 | ≤ 180 |
| | TSP _{600s} (m ²) | | 97.6 | ≤ 200 |
| | Flaming Droplets / Particles (sec) | | No | No |
| BS EN ISO 11925-2: 2010 | Vertical flame spread (surface) (mm) | 6 | 25.0 | F _s ≤ 150mm within 60 sec |
| | Vertical flame spread (edge) (mm) | 6 | 43.3 | |

"**" – denotes threshold not reached

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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' 'Emboss Panel 2' (9mm thick, 2.575 kg/m²) 100% Polyethylene Terephthalate (PET) 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: **s2**

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

| Fire behaviour | | Smoke production | | | Flaming droplets | |
|----------------|----------|------------------|----------|----------|------------------|----------|
| B | - | s | 2 | , | d | 0 |

Therefore, the classification of 'WOVEN IMAGE' 'Emboss Panel 2' (9mm thick, 2.575 kg/m²) 100% Polyethylene Terephthalate (PET) material, in accordance with BS EN 13501-1: 2007 +A1:2009 is:

Reaction to fire classification: B-s2, d0





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
Assistant Manager


Chan Lung Toa
Assistant Vice President
(Fire Property)
Mechanical

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July 2011

