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^3) 100% PET Muse Tile Printed material

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

TÜV SÜD PSB

ilac-MRA

Accredited Laboratory SAC-SINGLAS

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

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1. Introduction

This classification report defines the classification assigned to 'Woven Image' (9mm thick, 239kg/m^3) 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^3) 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	$FIGRA_{0.2MJ}$ (W/s)	3	149.1	≤ 250
	$FIGRA_{0.4MJ}$ (W/s)		149.1	
	THR_{600s} (MJ)		6.0	≤ 15
	LFS to edge (Yes / No)		No	No
	SMOGRA (m^2/s^2)		8.7	≤ 30
	TSP_{600s} (m^2)		44.3	≤ 50
	Flaming Droplets / Particles (sec)		Yes	Yes
BS EN ISO 11925-2: 2010	Vertical flame spread (surface) (mm)	6	48.3	F_s ≤ 150mm within 60 sec
	Vertical flame spread (edge) (mm)	6	35.0	

"*" – denotes threshold not reached

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^3) 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	
C	**-**	**s**	**1**	**,**	**d**	**2**

Therefore, the classification of 'Woven Image' (9mm thick, 239kg/m^3) 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