Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.

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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: "3D Wall Finish" (4mm thick, 1.3 kg/m^2) 100% Polyethylene Terephthalate (PET) (67% recycled) material

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

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1. Introduction

This classification report defines the classification assigned Brand: "Woven Image" Model: "3D Wall Finish" (4mm thick, 1.3 kg/m^2) 100% Polyethylene Terephthalate (PET) (67% recycled) 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: "3D Wall Finish" (4mm thick, 1.3 kg/m^2) 100% Polyethylene Terephthalate (PET) (67% recycled) material is to be used for acoustic wall lining.

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	7191243949-MEC21/01-JV dated 06 May 2021	BS EN 13823: 2010
TÜV SÜD PSB Pte Ltd	Woven Image Pty Ltd	7191243949-MEC21/02-JV dated 06 May 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$_{0.2MJ}$ (W/s)	3	24.3	≤ 120
	FIGRA$_{0.4MJ}$ (W/s)		24.3	
	THR$_{600s}$ (MJ)		1.0	≤ 7.5
	LFS to edge (Yes / No)		No	No
	SMOGRA (m^2/s^2)		3.6	≤ 30
	TSP$_{600s}$ (m^2)		40.4	≤ 50
	Flaming Droplets / Particles (sec)		No	No
BS EN ISO 11925-2: 2010	Vertical flame spread (surface) (mm)	6	26.7	F$_s$ ≤ 150mm within 60 sec
	Vertical flame spread (edge) (mm)	6	83.3	

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: "3D Wall Finish" (4mm thick, 1.3 kg/m^2) 100% Polyethylene Terephthalate (PET) (67% recycled) 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	**-**	**s**	**1**	**,**	**d**	**0**

Therefore, the classification of Brand: "Woven Image" Model: "3D Wall Finish" (4mm thick, 1.3 kg/m^2) 100% Polyethylene Terephthalate (PET) (67% recycled) material, in accordance with BS EN 13501-1: 2007 +A1: 2009 is:

Reaction to fire classification: B-s1, d0

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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:

- Acoustic wall lining

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

PSB Singapore

Please note that this Report is issued under the following terms:

1. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD PSB approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD PSB in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product/equipment.

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Effective 26 January 2021