

Classification Report No. 7191315613-MEC23/03-JV
dated 10 Oct 2023

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CLASSIFICATION OF REACTION TO FIRE
IN ACCORDANCE WITH BS EN 13501-1: 2018

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 "EchoPanel 12mm (80% recycled)" (12mm thick, 2.4 kg/m²) PET panel

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



LA-2007-0380-A LA-2007-0386-C
LA-2007-0381-F LA-2010-0464-D
LA-2007-0382-B LA-2018-0702-B
LA-2007-0383-G LA-2018-0703-G
LA-2007-0384-G LA-2020-0747-L
LA-2007-0385-E

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Laboratory:
TÜV SÜD PSB Pte. Ltd.
15 International Business Park
TÜV SÜD @ IBP
Singapore 609937

Phone : +65-6778 7777
E-mail: info.sg@tuvsud.com
<https://www.tuvsud.com/sg>
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
15 International Business Park
TÜV SÜD @ IBP
Singapore 609937
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1. Introduction

This classification report defines the classification assigned Brand: “Woven Image” Model “EchoPanel 12mm (80% recycled)” (12mm thick, 2.4 kg/m²) PET panel in accordance with the procedures given in BS EN 13501-1: 2018.

2. Details of classified product

2.1. End use application

This product Brand: “Woven Image” Model “EchoPanel 12mm (80% recycled)” (12mm thick, 2.4 kg/m²) PET panel 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	7191315613-MEC23/01-JV dated 10 Oct 2023	BS EN 13823: 2020
TÜV SÜD PSB Pte Ltd	Woven Image Pty Ltd	7191315613-MEC23/02-JV dated 10 Oct 2023	BS EN ISO 11925-2: 2020

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	28.9	≤ 120
	FIGRA _{0.4MJ} (W/s)		28.9	
	THR _{600s} (MJ)		2.8	≤ 7.5
	LFS to edge (Yes / No)		No	No
	SMOGR _A (m ² /s ²)		0.9	≤ 30
	TSP _{600s} (m ²)		17.8	≤ 50
	Flaming Droplets / Particles (sec)		No	No
BS EN ISO 11925-2	Vertical flame spread (surface) (mm)	6	40	F _s ≤ 150mm within 60 sec
	Vertical flame spread (edge) (mm)	6	0	

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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: 2018.

4.2. Classification

The product, Brand: "Woven Image" Model "EchoPanel 12mm (80% recycled)" (12mm thick, 2.4 kg/m²) PET panel, 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 "EchoPanel 12mm (80% recycled)" (12mm thick, 2.4 kg/m²) PET panel, in accordance with BS EN 13501-1: 2018 is:

Reaction to fire classification: B-s1, 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 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

