

Classification Report No. 7191263073-MEC21/03-JV
dated 12 Aug 2021

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.



PSB Singapore

**Add value.
Inspire trust.**

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: "EchoPanel®" Model: "EchoPanel® 12mm" (12mm thick, 2.4 kg/m²) 100% Polyethylene Terephthalate (PET) (60% 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

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.

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
TÜV®

1. Introduction

This classification report defines the classification assigned Brand: "EchoPanel®" Model: "EchoPanel® 12mm" (12mm thick, 2.4 kg/m²) 100% Polyethylene Terephthalate (PET) (60% 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: "EchoPanel®" Model: "EchoPanel® 12mm" (12mm thick, 2.4 kg/m²) 100% Polyethylene Terephthalate (PET) (60% recycled) panel material is to be used for wall and ceiling finish, desk screens and space dividers.

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	7191263073-MEC21/01-JV dated 12 Aug 2021	BS EN 13823: 2010
TÜV SÜD PSB Pte Ltd	Woven Image Pty Ltd	7191263073-MEC21/02-JV dated 12 Aug 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	49.1	≤ 120
	FIGRA _{0.4MJ} (W/s)		49.1	
	THR _{600s} (MJ)		3.7	≤ 7.5
	LFS to edge (Yes / No)		No	No
	SMOGRA (m ² /s ²)		0.0	≤ 30
	TSP _{600s} (m ²)		31.2	≤ 50
	Flaming Droplets / Particles (sec)		No	No
BS EN ISO 11925-2: 2010	Vertical flame spread (surface) (mm)	6	46.7	F _s ≤ 150mm within 60 sec
	Vertical flame spread (edge) (mm)	6	50.0	

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: "EchoPanel®" Model: "EchoPanel® 12mm" (12mm thick, 2.4 kg/m²) 100% Polyethylene Terephthalate (PET) (60% 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	-	s	1	,	d	0

Therefore, the classification of Brand: "EchoPanel®" Model: "EchoPanel® 12mm" (12mm thick, 2.4 kg/m²) 100% Polyethylene Terephthalate (PET) (60% recycled) panel material, in accordance with BS EN 13501-1: 2007 +A1: 2009 is:

Reaction to fire classification: B-s1, d0





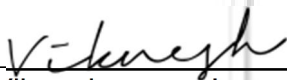
4.3. End use application and product parameter


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/ceiling finish
- Desk screens and space dividers

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

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.
2. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. TÜV SÜD PSB therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.
3. Nothing in this report shall be interpreted to mean that TÜV SÜD PSB has verified or ascertained any endorsement or marks from any other testing authority or bodies that may be found on that sample.
4. This report shall not be reproduced wholly or in parts and no reference shall be made by the Client to TÜV SÜD PSB or to the report or results furnished by TÜV SÜD PSB in any advertisements or sales promotion.
5. Unless otherwise stated, the tests were carried out in TÜV SÜD PSB Pte Ltd, 15 International Business Park TÜV SÜD @ IBP Singapore 609937.
6. The tests carried out by TÜV SÜD PSB and this report are subject to TÜV SÜD PSB's General Terms and Conditions of Business and the Testing and Certification Regulations of the TÜV SÜD Group.

Effective 26 January 2021

