



**PAVUS, a.s.**

AUTHORIZED BODY 216  
NOTIFIED BODY 1391  
ACCREDITED CERTIFICATION BODY FOR  
PRODUCTS CERTIFICATION N° 3041

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## REACTION TO FIRE CLASSIFICATION REPORT

**Object of classification:** *Construction products excluding floorings and linear pipe thermal insulation products in accordance with ČSN EN 13501-1+A1:2010, cl. 11*

**Classification report No.:**

**PK1-01-18-012-E-0**

**Product name:**

*Board Packwall*

**Sponsor:**

*Flexibau, s.r.o.  
Na Poříčí 1079/3a  
110 00 Praha 1 - Nové Město  
Czech Republic*

**Prepared by:**

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## 1. INTRODUCTION

- 1.1. This classification report defines the classification assigned to *Board Packwall* in accordance with the procedures given in ČSN EN 13501-1+A1:2010.
- 1.2. This classification report consists of three pages and may only be used or reproduced in its entirety.

## 2. DETAILS OF CLASSIFIED PRODUCT

### 2.1. General

The product *Board Packwall* is manufactured by Flexibau, s.r.o., Na Poříčí 1079/3a, 110 00 Praha 1 - Nové Město, Czech republic, manufacturing plant Hall 15, compound of ZVVZ in Milevsko, Sažinova 888, 399 01 Milevsko, Czech Republic. It is a building board with a double-sided surface treatment with paper, made of shredded used beverage cartons (tetrapak boxes) without additional binders.

### 2.2. Product description

Produced thicknesses: 8 mm, 12 mm, 15 mm and 18 mm  
 Density: 800 kg/m<sup>3</sup>  
 Composition: shredded used beverage cartons (tetrapak boxes)  
 Surface treatment: recycled brown-grey paper 130 g/m<sup>2</sup>, supplier TAPA Tábor

## 3. REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

### 3.1. Reports

Name of Laboratory Address Accreditation No.	Name of sponsor	Report ref. no. Date of issue	Test method and date Field of application rules and date
PAVUS, a. s. Veselí nad Lužnicí ATL No. 1026	Flexibau, s.r.o. Na Poříčí 1079/3a 110 00 Praha 1 - Nové Město Czech Republic	Pr-18-1.049 2018-02-22	ČSN EN 13823+A1:2015
		Pr-18-1.050 2018-02-19	ČSN EN ISO 11925-2:2011

### 3.2. Results

Test method	Parameter	No. Tests	Results	
			Continuous parameter - mean	Compliance with parameters
ČSN EN 13823+A1	FIGRA <sub>0.4MJ</sub> (W/s) SMOGR <sup>1)</sup> (m <sup>2</sup> /s <sup>2</sup> ) TSP <sub>600s</sub> <sup>1)</sup> (m <sup>2</sup> ) No flaming droplets / particles burning for less than 10 s	3	432.1 1.8 39.7 -	≤ 750 (D) ≤ 30 (s1) ≤ 50 (s1) no (d1)

Test method	Parameter	No. Tests	Results	
			Continuous parameter - mean	Compliance with parameters
ČSN EN ISO 11925-2 30 s surface exposure	$F_s$ (mm) no ignition of the filter paper	6	0 -	$\leq 150$ (D) yes (d0)
ČSN EN ISO 11925-2 30 s edge exposure	$F_s$ (mm) no ignition of the filter paper	6	10 -	$\leq 150$ (D) yes (d0)

<sup>1)</sup> The classical method of smoke calculation according to ČSN EN 13823+A1:2015, Annex A, cl. A.6.1.2. is used.

#### 4. CLASSIFICATION AND FIELD OF APPLICATION

##### 4.1. Reference of Classification

This classification has been carried out in accordance with ČSN EN 13501-1+A1:2010.

##### 4.2. Classification

The product *Board Packwall* in relation to its reaction to fire behaviour is classified:

**Reaction to fire classification: D – s1, d1**

##### 4.3. Field of application

This classification is valid for the following product parameters:

Product composition: cannot be changed  
 Product thickness: at least of 18 mm  
 Density: at least of 770 kg/m<sup>3</sup>  
 Surface treatment: cannot be changed; recycled brown-grey paper of 130 g/m<sup>2</sup>

The classification is valid for the following end use applications:

Substrate: without substrate (free-standing) or with substrates of reaction to fire class A1  
 Fixing method: by mechanical means of reaction to fire class A1  
 Joints: without joints

#### 5. LIMITATIONS

This classification document does not represent type approval or certification of the product.

This classification is valid, unless the conditions, under which it was issued, have been changed. The sponsor may request the issuing authority to review the influence of changes to the classification validity.

Elaborated by:



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