



**PAVUS, a.s.**  
AUTHORIZED BODY 216  
NOTIFIED BODY 1391  
ACCREDITED CERTIFICATION BODY FOR  
PRODUCTS N° 3041

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# REACTION TO FIRE CLASSIFICATION REPORT

**The object of classification:** *Construction products excluding floorings and linear pipe thermal insulation products in accordance with EN 13501-1:2018, clause 11*

**Classification report No:**

**PK1-01-21-052-E-0**

**Type and product name:** Textile Akustico® Art. No. 506251 \*\*\* 158

**Sponsor:** **PONGS Technical Textiles GmbH**  
Bahnhofstraße 21  
DE 07919 Mühltroff  
Deutschland

**Issuing organization:** PAVUS, a.s.  
Accredited certification body for products No 3041  
- Accreditation issued by Czech Accreditation Institute,  
Public Service Company  
- Certificate of Accreditation No 170/2019  
Prosecká 412/74  
190 00 PRAHA 9  
Order No Z210210063

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## 1 INTRODUCTION

- 1.1 This classification report defines the classification assigned to *Akustico® Art. No. 506251 \*\*\* 158* in accordance with the procedures given in EN 13501-1:2018.
- 1.2 This classification report has 4 pages and it can be used or reproduced as a whole only.

## 2 DETAILED INFORMATION ON THE PRODUCT TO BE CLASSIFIED

### 2.1 General

The product *Akustico® Art. No. 506251 \*\*\* 158* is made by the company PONGS Technical Textiles GmbH, Bahnhofstraße 21, DE 07919 Mühltruff, Deutschland. It is used free-hanging for digital print, promotional materials, fairs etc.

### 2.2 Product description

Thickness: 0.68 mm  
 Mass per unit area: 0.280 kg/m<sup>2</sup>  
 Colour: various, tested *Akustico® Art. No. 506251 466 158* (red), *Akustico® Art. No. 506251 303 158* (white), *Akustico® Art. No. 506251 162 158* (blue)  
 Composition: 100 % Polyester

## 3 REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

### 3.1 Reports

Name of the Laboratory Address Accreditation number:	Name of sponsor of the Test Report	Report number Date of issue	Test method	
PAVUS, a. s. Veselí nad Lužnicí ATL No 1026	PONGS Technical Textiles GmbH Bahnhofstrasse 21 DE 07919 Mühltruff Deutschland	<i>Pr-21-1.097</i> 2021-06-03	<i>EN 13823:2020</i>	
		<i>Pr-21-1.099</i> 2021-06-03		
		<i>Pr-21-1.101</i> 2021-06-03		
			<i>Pr-21-1.098</i> 2021-06-03	<i>EN ISO 11925-2:2020</i>
			<i>Pr-21-1.100</i> 2021-06-03	
			<i>Pr-21-1.102</i> 2021-06-03	

3.2 Results

Test method	Parameter	Number of tests	Results	
			Continuous parameter-mean	Compliance with parameters
<b>Akustico® Art. No. 506251 466 158</b>				
EN 13823	FIGRA <sub>0,2 MJ</sub> (W/s) THR <sub>600s</sub> (MJ) LFS < edge of specimen SMOGRA (m <sup>2</sup> /s <sup>2</sup> ) TSP <sub>600s</sub> (m <sup>2</sup> ) non-occurring of flaming droplets/particles	3	0.0 0.3 - 0.0 17.3 -	≤ 120 (B) ≤ 7.5 (B) yes (B) ≤ 30 (s1) ≤ 50 (s1) yes (d0)
EN ISO 11925 - 2 Surface exposure	Fs ≤ 150 mm up to 60 s Filter paper non-ignition	6	- -	yes (B) yes (d0)
EN ISO 11925 - 2 Edge exposure	Fs ≤ 150 mm up to 60 s Filter paper non-ignition	6	- -	yes (B) yes (d0)
<b>Akustico® Art. No. 506251 303 158</b>				
EN 13823+A1	FIGRA <sub>0,2 MJ</sub> (W/s) THR <sub>600s</sub> (MJ) LFS < edge of specimen SMOGRA (m <sup>2</sup> /s <sup>2</sup> ) TSP <sub>600s</sub> (m <sup>2</sup> ) non-occurring of flaming droplets/particles	3	0.0 0.3 - 0.0 14.8 -	≤ 120 (B) ≤ 7.5 (B) yes (B) ≤ 30 (s1) ≤ 50 (s1) yes (d0)
EN ISO 11925 - 2 Surface exposure	Fs ≤ 150 mm up to 60 s Filter paper non-ignition	6	- -	yes (B) yes (d0)
EN ISO 11925 - 2 Edge exposure	Fs ≤ 150 mm up to 60 s Filter paper non-ignition	6	- -	yes (B) yes (d0)
<b>Akustico® Art. No. 506251 162 158</b>				
EN 13823+A1	FIGRA <sub>0,2 MJ</sub> (W/s) THR <sub>600s</sub> (MJ) LFS < edge of specimen SMOGRA (m <sup>2</sup> /s <sup>2</sup> ) TSP <sub>600s</sub> (m <sup>2</sup> ) non-occurring of flaming droplets/particles	3	2.8 0.3 - 0.0 14.9 -	≤ 120 (B) ≤ 7.5 (B) yes (B) ≤ 30 (s1) ≤ 50 (s1) yes (d0)
EN ISO 11925 - 2 Surface exposure	Fs ≤ 150 mm up to 60 s Filter paper non-ignition	6	- -	yes (B) yes (d0)
EN ISO 11925 - 2 Edge exposure	Fs ≤ 150 mm up to 60 s Filter paper non-ignition	6	- -	yes (B) yes (d0)

## 4 CLASSIFICATION AND FIELD OF APPLICATION

### 4.1 Classification references

This classification was carried out in conformity with EN 13501-1:2018.

### 4.2 Classification

The product *Akustico*<sup>®</sup> Art. No. 506251 \*\*\* 158 in relation to its reaction to fire behaviour is classified:

**Reaction to fire class: B – s1, d0**

### 4.3 The field of application

This classification is valid for the following product parameters:

Thickness:	0.68 mm
Mass per unit area:	0.280 kg/m <sup>2</sup>
Colour:	various
Composition:	cannot be changed

This classification applies for the following end-use applications:

Substrate:	free situated product without a substrate or with substrates of reaction to fire classes A1
Way of fixing:	mechanically with fittings of reaction to fire classes A1
Joints:	without joints

## 5 RESTRICTIONS

This classification is valid unless the conditions, under which it was issued, have been changed (i.e., until the materials used, the composition or design of the product or the technical regulations relating to the product change).

The sponsor may request the issuing authority to review the influence of changes on the classification validity.

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

*Elaborated by:*



Lenka SOBOTOVÁ

Fire testing laboratory

**PAVUS, a.s.**

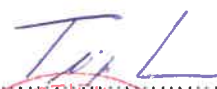
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*Approved by:*



Jan TRIPES

