Fire Test Certificate - Specimen

Fabric: Diamond Satin
Type: EN13501-1

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NOTIFIED BODY 1391
ACCREDITED CERTIFICATION BODY FOR PRODUCT CERTIFICATION No. 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*
Report No:	***PK1-01-23-041-E-0***
Type and product name:	Textile *PES FR Satin*
Sponsor:	
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. 588/2022* *Prosecká 412/74* *190 00 PRAHA 9* *Czech Republic*
Date of issue:	*2023-06-27*
Copies in total:	*2*
Copy number:	*1*
Pages in total:	*4*

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1 INTRODUCTION

1.1 This classification report defines the classification assigned to *PES FR Satin Kristall Art. No. 571070 *** / 0085* 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 *PES FR Satin Kristall Art. No. 571070 *** / 0085* is made by the company PONGS GROUP GmbH & Co. KG, Bahnhofstraße 21, 07919 Pausa - Mühltroff, Deutschland. It is used free-hanging, intended for cladding of walls and ceilings, promotional materials, banners, decoration, fairs etc.

2.2 Product description

Thickness:	0.14÷0.15 mm
Mass per unit area:	84÷85 g/m²
Colour:	various, tested *PES FR Satin* *PES* *FR Satin* *PES FR Satin*
Composition:	44.5 % PES FR (polyester) + 55.5 % PES (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		*Pr-23-1.105 2023-06-27*	*EN 13823:2020+A1:2022*
		Pr-23-1.106 2023-06-27 *Pr-23-1.109 2023-06-27* *Pr-23-1.110 2023-06-27*	*EN ISO 11925–2:2020*

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3.2 Results

Test method	Parameter	Number of tests	Results	
			Continuous parameter-mean	Compliance with parameters
PES FR				
EN 13823+A1	*$FIGRA_{0.2\,MJ}$ (W/s)* *THR_{600s} (MJ)* *LFS < edge of specimen* *SMOGRA (m^2/s^2)* *TSP_{600s} (m^2)* *non-occurring of flaming droplets/particles*	3	*0.0* *0.1* *-* *0.0* *11.8* *-*	*≤ 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)*
PES FR Satin				
EN 13823+A1	*$FIGRA_{0.2\,MJ}$ (W/s)* *THR_{600s} (MJ)* *LFS < edge of specimen* *SMOGRA (m^2/s^2)* *TSP_{600s} (m^2)* *non-occurring of flaming droplets/particles*	1	*0.0* *0.0* *-* *0.0* *15.5* *-*	*≤ 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)*
PES FR Satin				
EN 13823+A1	*$FIGRA_{0.2\,MJ}$ (W/s)* *THR_{600s} (MJ)* *LFS < edge of specimen* *SMOGRA (m^2/s^2)* *TSP_{600s} (m^2)* *non-occurring of flaming droplets/particles*	1	*0.0* *0.2* *-* *0.0* *14.2* *-*	*≤ 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)*

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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 *PES FR Satin* 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:	0.14÷0.15 mm
Mass per unit area:	84÷85 g/m²
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

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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.

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