Classification Report

Report no. ETE 070/24 **Date of issue:** 28-02-2024

Classification of reaction to fire of construction products and building elements (EN 13501-1:2018)

Request by:

Name: Endutex - Coated Technical Textiles
Address: Rua da Baiona, 22 | 4795 - 784 Vilarinho, STS | Portugal
Fax: +351 253 584 522 **Phone:** +351 253 489 500 **e-mail:** endutex@endutex.pt

Prepared by:

Name: Itecons – Instituto de Investigação e Desenvolvimento Tecnológico para a Construção, Energia, Ambiente e Sustentabilidade
Address: Rua Pedro Hispano, s/n, 3030-289 Coimbra

Data of the product:

Description of the product: PVC coated polyester woven fabric

Sampling responsibility (*): Customer

Classification Report:

Issue number: ETE070/24 **Date of issue:** 28-02-2024

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

1. Introduction

This classification report defines the classification assigned to PVC coated polyester woven fabric in accordance with the procedures given in EN 13501-1:2018 «Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests».

2. Details of classified product

2.1 General

The product, PRINT FLOOR, is defined as a PVC coated polyester woven fabric.

Notes: The presented results refer exclusively to the tested specimens and apply to the sample as received.
Data reported with (*) was supplied by the customer, who has the sole responsibility for the accuracy of the information.
This report may not be reproduced, except if complete, without the written consent of Itecons.

INSTITUTE FOR RESEARCH AND TECHNOLOGICAL DEVELOPMENT IN **CONSTRUCTION, ENERGY, ENVIRONMENT AND SUSTAINABILITY**
Rua Pedro Hispano, s/n
3030-289 Coimbra
Tel: (+351) 239 79 89 49
www.itecons.uc.pt
itecons@itecons.uc.pt

2.2 Product description

The product, PRINT FLOOR, is generically described below. The product is fully described in the test reports provided in support of classification listed in Clause 3.1.

Product description:

Manufacturer (*):	Endutex - Coated Technical Textiles
Product name (*):	PRINT FLOOR
Nominal Thickness:	2,2 mm
Density:	500 kg/m³
Weight / unit area:	1100 g/m²

3. Reports and results in support of this classification

3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. no.	Test method and date	
Itecons	Endutex - Coated Technical Textiles	ETE068/24	EN ISO 9239-1:2010	carried out in 21-02-2024
Itecons		ETE069/24	ISO 11925-2:2020	carried out in 28-02-2024

3.2 Results

Test method	Parameter	No. Tests	Results	
			Continuous parameter - mean	Compliance with parameters
EN ISO 9239-1:2010	Critical flux (kW/m²)	3	10,3	Compliant with Critical flux ≥ 8,0 kW/m²
	Smoke (% min)		30	Compliant with Smoke ≤ 750 % min
	---		---	---
	---		---	---
	---		---	---
	---		---	---
ISO 11925-2:2020 Exposure = 15 s	Fs (mm)	12	≤ 150	Compliant with Fs ≤ 150 mm within 20 s
	---		---	---
	---		---	---
	---		---	---
	---		---	---
	---		---	---

Notes: The presented results refer exclusively to the tested specimens and apply to the sample as received.
Data reported with (*) was supplied by the customer, who has the sole responsibility for the accuracy of the information.
This report may not be reproduced, except if complete, without the written consent of Itecons.

INSTITUTE FOR RESEARCH AND TECHNOLOGICAL DEVELOPMENT IN **CONSTRUCTION, ENERGY, ENVIRONMENT AND SUSTAINABILITY**

Rua Pedro Hispano, s/n
3030-289 Coimbra
Tel: (+351) 239 79 89 49

www.itecons.uc.pt
itecons@itecons.uc.pt

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11 of EN 13501-1:2018, December of 2018.

4.2 Classification

The product, PRINT FLOOR, in relation to its reaction to fire behaviour is classified:

B fl

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

Without additional classification

The format of the reaction to fire classification for floorings is:

Fire behaviour		Smoke Production			Flaming droplets/particles	
B fl	-	s	1	,	-	-

i.e., B fl - s1

Reaction to fire classification: *B fl - s1*

4.3 Field of application

This classification is valid for the following product parameters:

- thickness: 2,2 mm;
- density: 500 kg/m³;
- weight / unit area: 1100 g/m²;
- colour: white;

The classification is valid for the following end use applications:

- product applied on class A1 and A2-s1,d0 substrates, simply in contact (EN 13238:2010)

ETE070/24

Notes: The presented results refer exclusively to the tested specimens and apply to the sample as received.
Data reported with (*) was supplied by the customer, who has the sole responsibility for the accuracy of the information.
This report may not be reproduced, except if complete, without the written consent of Itecons.

INSTITUTE FOR RESEARCH AND TECHNOLOGICAL DEVELOPMENT IN **CONSTRUCTION, ENERGY, ENVIRONMENT AND SUSTAINABILITY**

Rua Pedro Hispano, s/n
3030-289 Coimbra
Tel: (+351) 239 79 89 49

www.itecons.uc.pt
itecons@itecons.uc.pt

5. Limitations

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

Report Author	Technical responsibility	Administration
António Nascimento *Senior Official*	Isabel Torres *Technical and Scientific Supervisor*	Validated document

ETE070/24

Notes: The presented results refer exclusively to the tested specimens and apply to the sample as received.
Data reported with (*) was supplied by the customer, who has the sole responsibility for the accuracy of the information.
This report may not be reproduced, except if complete, without the written consent of Itecons.

INSTITUTE FOR RESEARCH AND TECHNOLOGICAL DEVELOPMENT IN **CONSTRUCTION, ENERGY, ENVIRONMENT AND SUSTAINABILITY**

Rua Pedro Hispano, s/n
3030-289 Coimbra
Tel: (+351) 239 79 89 49

www.itecons.uc.pt
itecons@itecons.uc.pt