

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: L'FLOOR CARPET WHITE

Address: _____

Fax: _____ Phone: _____ e-mail: _____

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, L'FLOOR CARPET WHITE, 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.

2.2 Product description

The product, L'FLOOR CARPET WHITE, is generically described below. The product is fully described in the test reports provided in support of classification listen in Clause 3.1.

Product description:

Manufacturer (*):
 Product name (*): L'FLOOR CARPET WHITE
 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		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/m ²)	3	10,3	Compliant with Critical flux $\geq 8,0$ kW/m ²
	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
	---		---	---
	---		---	---
	---		---	---
	---		---	---
	---		---	---

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.

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, L'FLOOR CARPET WHITE, 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 : EN 13501 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.

5. Limitations

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

Report Author


António Nascimento
Senior Official

Technical responsibility


Isabel Torres
Technical and Scientific Supervisor

Administration


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.