

Classification Report

Report no. ETE 141/25Date of issue: 27-06-2025

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

Request by:

Name: _____

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Prepared by:Name: Itecons – Instituto de Investigação e Desenvolvimento Tecnológico para a Construção, Energia, Ambiente e SustentabilidadeAddress: Rua Pedro Hispano, s/n, 3030-289 Coimbra**Data of the product:**Description of the product: Carpet white softSampling responsibility (*): Customer**Classification Report:**Issue number: ETE141/25Date of issue: 27-06-2025

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, CARPET WHITE SOFT, 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.
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2.2 Product description

The product, SOFT 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 (*):

Product name (*): CARPET WHITE FLOOR

Nominal Thickness: 1,8 mm

Density: 472 kg/m³

Mass/unit area: 850 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		ETE139/25	EN ISO 9239-1:2010 carried out in 18-06-2025
Itecons		ETE140/25	ISO 11925-2:2020 carried out in 26-06-2025

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	11,3	Compliant with Critical flux $\geq 8,0$ kW/m ²
	Smoke (% min)		20	Compliant with Smoke ≤ 750 % min
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ISO 11925-2:2020 Exposure = 15 s	Fs (mm)	6	≤ 150	Compliant with Fs ≤ 150 mm within 20 s
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4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 12 of EN 13501-1:2018, December of 2018.

4.2 Classification

The product, CARPET WHITE SOFT, 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: 1,8 mm;
- density: 472 kg/m³;
- weight / unit area: 850 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);

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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

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