



REACTION TO FIRE CLASSIFICATION REPORT  
N° 2024/177-2

(English report of classification report N° 2024/177-1)

According to EN 13501-1 (2018)

Notification by the French Government to the European Commission  
under n° NB 2401  
Regulation (UE) n° 305/2011

Sponsor : GERFLOR  
1, Place Verrazzano  
CS 2045  
69258 LYON CEDEX 09  
FRANCE

Product name : ARMONIA 400

Description : Textile floor coverings (EN 1307 family)  
(see detailed description in paragraph 2)

Date of issue : 23/09/2024

*The indicated classification does not prejudice the conformity of marketed materials with the samples submitted to the tests and under no circumstances, this document should not be considered as type approval or certification of the product in the sense of the L 115-27 article of the consumption's code of the law.*

*The reproduction of this classification report is only authorised in its integral form.  
It comprises 3 pages*

## 1. Introduction

This classification report defines the classification assigned to the above-mentioned product in accordance with the procedures given in the NF EN 13501-1 standard (2018).

## 2. Details of classified product

### 2.1. Product standard

NF EN 14041 (2005):“Resilient, textile and laminate floor coverings - Essential characteristics”.

### 2.2. Product description

Tufted loop pile carpet tile of 50 cm x 50 cm on bitumen backing (EN 1307 family).

Tested maintained with tackified (tackifying glue with depositing 120 g/m<sup>2</sup>) over a fibre-cement board classified A1<sub>f</sub> or A2<sub>f</sub> with a density (1800 ± 200) kg/m<sup>3</sup> and thickness (8 ± 2) mm.

Use surface : 100 % polypropylene

Nominal mass per unit area : 3790 g/m<sup>2</sup>

Nominal total thickness : 5,3 mm

Nominal effective pile thickness : 2,3 mm

## 3. Test reports and tests results in support of this classification

### 3.1. Tests reports

Name of laboratory	Name of sponsor	Classification report N°	Test method
C.R.E.T.	GERFLOR 1, Place Verrazzano CS 2045 69258 LYON CEDEX 09 FRANCE	2004/173-2	NF EN ISO 9239-1 (EN ISO 9239-1 : 2010)

### 3.2. Tests results

Classes of reaction to fire for textile floor coverings, classified without further testing.

Test method NF EN ISO 11925-2	The flooring « <b>ARMONIA 400</b> » meets the requirements of table 2 of the standard EN 14041 (2004) and is classified E <sub>f</sub> without further testing (CWFT)
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Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	ARMONIA 400	3	Critical heat flux (kW/m <sup>2</sup> )	≥ 8,0
			Smoke (% X min)	≤ 750

## 4. Classification and field of application

### 4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1 (2018).

#### 4.2. Classification

Fire behaviour		Smoke production
B <sub>fl</sub>	-	s1

**Classification : B<sub>fl</sub> – s1**

#### 4.3. Field of application

This classification is valid for the following end use applications :

Maintained over a fibre-cement A1<sub>fl</sub> or A2<sub>fl</sub> class with a density  $\geq 1350 \text{ kg/m}^3$ .

This classification is valid for the following product parameters :

- A nominal mass per unit area of :  $3790 \text{ g/m}^2$
- A nominal total thickness of : 5,3 mm
- A nominal effective pile thickness of : 2,3 mm

#### 5. Limitations

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

“The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of constructions products.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.”

For the SARL C.R.E.T.  
The Technical Director  
Marc WELCOMME



*End of the classification report*