



REACTION TO FIRE CLASSIFICATION REPORT N°2024/178-2

(English report of classification report N°2024/178-1)

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 520 – ARMONIA 540 – ARMONIA 620

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

Date of issue : 18/11/2025 (update)

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

Tested loose laid over a fibre-cement board classified A1_{fl} or A2_{fl} with a density (1800 ± 200) kg/m³ and thickness (8 ± 2) mm.

Use surface : 100 % polyamide

Nominal mass per unit area : 3955 to 4105 g/m²

Nominal total thickness : 5,5 to 6,5 mm

Nominal effective pile thickness : 2,3 to 3,2 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	2024/174-2 2014/001-2	NF EN ISO 9239-1 (EN ISO 9239-1 : 2010)

3.2. Tests results

Test method	Product	Number of tests	Results	
			Parameters	Compliance parameters
NF EN ISO 11925-2	ARMONIA 520	6	Fs ≤ 150 mm	Compliant
Surface exposure-15 secondes	ARMONIA 540		Ignition of the filter paper	Compliant
	ARMONIA 620			

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	ARMONIA 520	3	Critical heat flux (kW/m ²)	≥ 8,0
	ARMONIA 540 ARMONIA 620		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 _{fl}	-	s1

Classification : B_{fl} – s1

4.3. Field of application

This classification is valid for the following end use applications :

Loose laid over a fibre-cement A1_{fl} or A2_{fl} class with a density ≥ 1350 kg/m³.

This classification is valid for the following product parameters :

- A nominal mass per unit area of : 3955 to 4105 g/m²
- A nominal total thickness of : 5,5 to 6,5 mm
- A nominal effective pile thickness of : 2,3 to 3,2 mm

The classification of the product family is valid for the following trademarks :

ARMONIA 520

ARMONIA 540

ARMONIA 620

5. Limitations

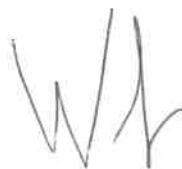
This classification document does not represent type approval or certification of the product.

“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