



REACTION TO FIRE CLASSIFICATION REPORT  
N° 2024/174-2

(English report of classification report N°2024/174-1)

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 : CARUS  
99, rue de la Verrerie  
75004 PARIS  
FRANCE

Product name : 3110 – 4110 – 5110

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

Date of issue : 20/09/2024

*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 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 carpet tile 100% polyamide 6 on bitumen backing (EN 1307 family).

Tested loose laid over a fibre-cement board classified A1<sub>fl</sub> or A2<sub>fl</sub> with a density (1800 ± 200) kg/m<sup>3</sup> and thickness (8 ± 2) mm.

Use surface : 100% polyamide

Nominal mass per unit area : 3930 to 4105 g/m<sup>2</sup>

Nominal effective pile thickness : 2,1 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	Test report N°	Test method
C.R.E.T.	CARUS 99, rue de la Verrerie 75004 PARIS FRANCE	RL 2019/556-1 RL 2020/685 RL 2022/545-1	NF EN ISO 9239-1 (EN ISO 9239-1: 2010)
		RL 2019/556-2 RL 2022/545-2	NF EN ISO 11925-2 (EN ISO 11925-2: 2020)

**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 « 4110 » meets the requirements of table 2 of the standard EN 14041 (2004) and is classified E <sub>fl</sub> without further testing (CWFT)
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Test method	Product	Number of tests	Results	
			Parameters	Compliance parameters
NF EN ISO 11925-2	3110 – 5110	6	F <sub>s</sub> ≤ 150 mm	Compliant
Surface exposure-15 secondes			Ignition of the filter paper	Compliant

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	3110 – 4110 – 5110	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 :

Loose laid over fibre-cement A1<sub>fl</sub> or A2<sub>fl</sub> 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 : 3930 to 4105 g/m<sup>2</sup>
- A nominal effective pile thickness of : 2,1 to 3,2 mm

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

**3110**

**4110**

**5110**

#### 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*

