



REACTION TO FIRE CLASSIFICATION REPORT
N° 2021/217

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 : Forbo Flooring Ltd
Unit 241, Dawson Place, Walson Summit Centre
Bamber Bridge, Preston, Lancashire, PR5 8AL
United Kingdom

Product name : STRUKTUR

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

Date of issue : 20/10/2021

The indicated classification does not prejudge 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 dated June 3rd 1994.

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

Tested loose laid over a fibre-cement board classified A2_{f1}-s1 or A1_{f1} with a density (1800 ± 200) kg/m³ and thickness (8 ± 2) mm.

Use surface : 100 % polyamide

Nominal mass per unit area : 3765 g/m²

Nominal total thickness : 5,1 mm

Nominal effective pile thickness : 1,0 mm

3. Test reports and tests results in support of this classification**3.1. Test report**

Name of laboratory	Name of sponsor	Test report N°	Test method
C.R.E.T.	Forbo Flooring Ltd Unit 241, Dawson Place Walson Summit Centre Bamber Bridge, Preston Lancashire, PR5 8AL United Kingdom	RL 2021/645-1	NF EN ISO 9239-1 (EN ISO 9239-1 :2010)
		RL 2021/645-2	NF EN ISO 11925-2 (EN ISO 11925-2 :2010)

3.2. Tests results

Test method	Product	Number of tests	Results	
			Parameters	Compliance parameters
NF EN ISO 11925-2	STRUKTUR	6	Fs ≤ 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	STRUKTUR	3	Critical heat flux (kW/m ²)	8,3
			Smoke (% X min)	49,8

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 _{f1}	-	s1

Classification : B_{f1} – s1

4.3. Field of application

This classification is valid for the following end use applications :

Loose laid and glued over fibre-cement A2_{f1}-s1 or A1_{f1} 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 : 3765 g/m²
- A nominal total thickness of : 5,1 mm
- A nominal effective pile thickness of : 1,0 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.”

Head of Tests
David VANDIERDONCK



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



End of the classification report