



REACTION TO FIRE CLASSIFICATION REPORT
N° 2023/228-2

According to EN 13501-1 (2018)

(English version of classification report N°2023/228-1)

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

Sponsor : GERFLOR
51 Place Verrazzano
69258 LYON Cedex 09
FRANCE

Product name : VIRTUO 30

Description : Polyvinyl chloride floor coverings (EN ISO 10582 family)
(see detailed description in paragraph 2)

Date of issue : 23/08/2023

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

Heterogeneous polyvinyl chloride floorcovering in LVT size of 184 mm x 1219 mm – 230 mm x 1500 mm – 457 mm x 914 mm and tile of 610 mm x 610 mm (EN ISO 10582 family).

Tested loose laid over a wood panel particle board without flame retarded classified C_f-s1 with a density (680 ± 50) kg/m³ and thickness (20 ± 2) mm.

Use surface : Plasticized PVC

Type of backing : Plasticized PVC

Nominal mass per unit area : 3580 g/m²

Nominal total thickness : 2,00 mm

Nominal total wear layer : 0,30 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.	GERFLOR 51 Place Verrazzano 69258 LYON Cedex 09 FRANCE	RL 2023/588	NF EN ISO 9239-1 (EN ISO 9239-1: 2010)

3.2. Tests results

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

Test method NF EN ISO 11925-2 (EN ISO 11925-2: 2020)	The flooring « VIRTUO 30 » meets the requirements of table 3 of the standard NF EN 14041 (2005) and is classified E _f without further testing (CWFT)
--	--

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	VIRTUO 30	3	Critical heat flux (kW/m ²)	≥ 11
			Smoke (% X min)	74,3

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 and glued over a wood panel particle board without flame retarded classified C_{fl}-s1 with a density $\geq 510 \text{ kg/m}^3$ and over a fibre-cement A1_{fl} or A2_{fl} 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 : 3580 g/m²
- A nominal thickness of : 2,00 mm
- A nominal thickness wear layer : 0,30 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