



## REACTION TO FIRE CLASSIFICATION REPORT N° 2023/003-2

According to EN 13501-1 (2007) + A1 (2013)

(English version of classification report N°2023/003-1)

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

Sponsor : GERFLOR  
50 cours de la République  
69627 VILLEURBANNE Cedex  
FRANCE

Product name : VIRTUO 55  
(New trademark of classification report 2017/051-2  
of 08/09/2021)

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

Date of issue : 04/01/2023

*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 comprise 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: September 2007 & A1 (2013).

## 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 floor covering (EN ISO 10582 family) in LVT size and tile of 1219 mm x 184 mm – 610 mm x 610 mm – 457 mm x 914 mm – 230 mm x 1500 mm – 152 mm x 762 mm.

Tested glued (Acrylic glue BOSTIK MIPLAFIX 800 with depositing 350 g/m<sup>2</sup>) over a wood panel particle board without flame retarded classified C<sub>fl</sub>-s1 with a density (680 ± 50) kg/m<sup>3</sup> and thickness (20 ± 2) mm.

Use surface : PVC

Backing type : PVC

Nominal mass per unit area : 3850 g/m<sup>2</sup>

Nominal total thickness : 2,50 mm

Nominal wear layer thickness : 055 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.	GERFLOR 50 cours de la République 69627 VILLEURBANNE FRANCE	RL 2017/202	NF EN ISO 9239-1

### 3.2. Tests results

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

Test method	The flooring « <b>VIRTUO 55</b> » meets the requirements of table 3 of the standard NF EN 14041 (2005) and is classified without further testing (CWFT)
NF EN ISO 11925-2	<b>Classification E<sub>fl</sub></b>

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	VIRTUO 55	3	Critical heat flux (kW/m <sup>2</sup> )	8,6
			Smoke (% X min)	264,3

**4. Classification and field of application****4.1. Reference of classification**

This classification has been carried out in accordance with EN 13501-1 :2007 & A1 (2013).

**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 :

Glued over a wood panel particle board without flame retarded classified C<sub>fl</sub>-s1 with a density  $\geq 510 \text{ kg/m}^3$  and over a fibre-cement A2<sub>fl</sub>-s1 or A1<sub>fl</sub> class with a density  $\geq 1350 \text{ kg}$ .

This classification is valid for the following product parameters :

- A nominal mass per unit area of : 3850 g/m<sup>2</sup>
- A nominal thickness of : 2,50 mm
- A nominal wear layer thickness of : 0,55 mm

**5. Limitations**

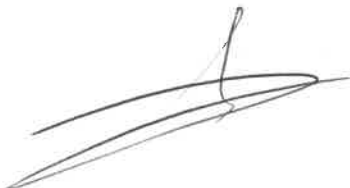
This classification document does not represent type approval or certification of the product.

“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 attestation of conformity and CE marking under the Construction Products Directive.

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*