



REACTION TO FIRE CLASSIFICATION REPORT
N° 2022/050-2

According to EN 13501-1 (2018)

(English version of classification report N°2022/050-1)

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

Sponsor : GERFLOR
Cours de la République
69627 VILLEURBANNE Cedex
FRANCE

Product name : CREATION ZEN

Description : Polyvinyl chloride floor coverings (EN 651 family)
(see detailed description in paragraph 2)

Date of issue : 14/04/2023 (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 4 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

Heterogeneous polyvinyl chloride floor covering with foam layer in size tile of 500 mm x 500 mm and LVT of 100 mm x 600 mm – 245 mm x 1250 mm (EN 651 family).

Tested glued with tackifier (BOSTIK NOGLISS with depositing 120 g/m²) over a wood panel particle board without flame retarded classified C_{fl}-s1 with a density (680 ± 50) kg/m³ and thickness (20 ± 2) mm.

Use surface : Plasticized PVC uncharged

Backing type : Plasticized PVC

Nominal mass per unit area : 2790 to 3810 g/m²

Nominal total thickness : 3,55 to 4,35 mm

Nominal wear layer thickness : 0,40 to 0,70 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 Cours de la République 69627 VILLEURBANNE Cedex FRANCE	RL 2022/117 RL 2022/118	NF EN ISO 9239-1 (EN ISO 9239-1: 2010)

3.2. Tests results

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

Test method NF EN 11925-2	The floorings « CREATION ZEN 40 » - « CREATION ZEN 70 » meet the requirements of table 3 of the standard NF EN 14041 (2005) and are classified E _n without further testing (CWFT)
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Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	CREATION ZEN 40	3	Critical heat flux (kW/m ²)	8,2
			Smoke (% X min)	256,8

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	CREATION ZEN 70	3	Critical heat flux (kW/m ²)	8,0
			Smoke (% X min)	325,9

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 :

Glued with tackifier over a wood panel particle board without flame retarded classified C_{f1}-s1 with a density ≥ 510 kg/m³ and over a fibre-cement A2_{f1}-s1 or A1_{f1} class with a density ≥ 1350 kg/m³.

This classification is valid for the following product parameters :

- A nominal mass per unit area of : 2790 to 3810 g/m²
- A nominal thickness of : 3,55 to 4,35 mm
- A nominal wear layer thickness : 0,40 to 0,70 mm

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

**CREATION ZEN 40
CREATION ZEN 55
CREATION ZEN 70**

5. Limitations

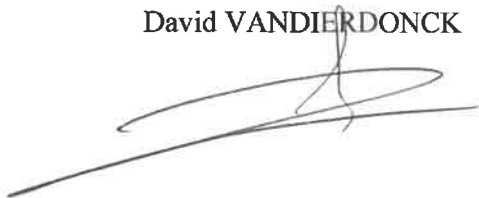
This classification document does not represent type approval or certification of the product.

“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

A handwritten signature in black ink, appearing to read 'David Vandierdonck', with a long horizontal stroke extending to the left.

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

A handwritten signature in black ink, appearing to read 'Marc Welcomme', consisting of several vertical and diagonal strokes.

End of the classification report