



REACTION TO FIRE CLASSIFICATION REPORT
N° 2021/172-2

According to EN 13501-1 (2018)

(English version of classification report N°2021/172-1)

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 : R-55 LOCK ACOUSTIC

Description : Loose-laid panels (EN 16511 family)
(see detailed description in paragraph 2)

Date of issue : 21/09/2021

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 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

Loose-laid panels – Semi-rigid multilayer modular floor covering (MMF) panels with wear resistant top layer (EN 16511 family) in size LVT of 179 mm x 1219 mm – 228 mm x 1492 mm – 399 mm x 914 mm – 229 mm x 1250 mm.

Tested loose laid 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

Nominal mass per unit area : 7000 g/m²

Nominal total thickness : 5,70 mm

Nominal total wear layer : 0,55 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 50 Cours de la République 69627 VILLEURBANNE CEDEX | RL 2021/549-1 | NF EN ISO 9239-1 (EN ISO 9239-1 :2010) |
| | | RL 2021/549-2 | 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 | R-55 LOCK ACOUSTIC | 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 | R-55 LOCK ACOUSTIC | 3 | Critical heat flux (kW/m ²) | 10,1 |
| | | | Smoke (% X min) | 326,1 |

4. Classification and field of application4.1. 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 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 A2_{fl}-s1 or A1_{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 : 7000 g/m²
- A nominal thickness of : 5,70 mm
- A nominal thickness wear layer : 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 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