



## REACTION TO FIRE CLASSIFICATION REPORT N° 2024/012-2

According to EN 13501-1 (2018)

(English version of classification report N°2024/012-1)

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

|                 |                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------|
| Sponsor :       | UNILIN bv Division Flooring<br>Ooigemstraat 3<br>8710 Wielsbeke<br>BELGIUM                  |
| Product name :  | Unilin LVT Flex Looselay 4.5 mm-0.7 mm                                                      |
| Description :   | Resilient floor covering (EN ISO 10582 family)<br>(see detailed description in paragraph 2) |
| Date of issue : | 12/01/2024                                                                                  |

*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

Resilient floor covering - Heterogeneous polyvinyl chloride floor covering in tile size of 50 cm x 50 cm (EN ISO 10582 family).

Use surface : PVC

Type backing : PVC

Nominal mass per unit area : 7850 g/m<sup>2</sup>

Nominal total thickness : 4,50 mm

Nominal wear layer thickness : 0,70 mm

Installation: looselay 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.

## 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.           | UNILIN bv Division Flooring<br>Ooigemstraat 3<br>8710 Wielsbeke<br>BELGIUM | RL 2023/966-1  | NF EN ISO 9239-1<br>(EN ISO 9239-1: 2010)   |
|                    |                                                                            | RL 2023/966-2  | NF EN ISO 11925-2<br>(EN ISO 11925-2: 2020) |

### 3.2. Tests results

| Test method                  | Product                                   | Number of tests | Results                      |                       |
|------------------------------|-------------------------------------------|-----------------|------------------------------|-----------------------|
|                              |                                           |                 | Parameters                   | Compliance parameters |
| NF EN ISO 11925-2            | Unilin LVT Flex Looselay<br>4.5 mm-0.7 mm | 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 | Unilin LVT Flex Looselay<br>4.5 mm-0.7 mm | 3               | Critical heat flux (kW/m <sup>2</sup> ) | 8,5                                |
|                  |                                           |                 | Smoke (% X min)                         | 301,4                              |

## 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 <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 :

Looselay 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 A1<sub>fl</sub> or A2<sub>fl</sub> 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 :  $7850 \text{ g/m}^2$
- A nominal thickness of : 4,50 mm
- A nominal wear layer thickness of : 0,70 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.”

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



*End of the classification report*