Centre de Recherches et d'Etudes Techniques du Tapis

REACTION TO FIRE CLASSIFICATION REPORT
N° 2023/006-2

According to EN 13501-1 (2018)

(English version of classification report N°2023/006-1)

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

Sponsor :	UNILIN BV Division Flooring Ooigemstraat 3 8710 Wielsbeke BELGIUM
Product name :	Moduleo Roots 50 Satin on Xtrafloor Flex Pro underlay
Description :	Resilient floor covering (EN ISO 10582 family) (see detailed description in paragraph 2)
Date of issue :	09/01/2023

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.

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It comprises 4 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 size LVT of 214 mm x 1498mm (EN ISO 10582 family).

Use surface : PVC
Type backing : PVC
Nominal mass per unit area : 4106 g/m²
Nominal total thickness : 2,50 mm
Nominal wear layer thickness : 0,55 mm

Xtrafloor Flex Pro underlay :

Nominal total thickness : 1,8 mm

Installation: Resilient floor covering **Moduleo Roots 50 Satin** tested maintained (adhesived) on **Xtrafloor Flex Pro** underlay. Together 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.

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 Ooigemstraat 3 8710 Wielsbeke BELGIUM	RL 2022/913-1	NF EN ISO 9239-1 (EN ISO 9239-1 :2010)
		RL 2022/913-2	NF EN ISO 11925-2 (EN ISO 11925-2 :2020)

3.2. Tests results

Test method	Product	Number of tests	Results	
			Parameters	Compliance parameters
NF EN ISO 11925-2	Moduleo Roots 50 Satin on Xtrafloor Flex Pro underlay	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	Moduleo Roots 50 Satin on Xtrafloor Flex Pro underlay	3	Critical heat flux (kW/m²)	8,3
			Smoke (% X min)	264,8

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 :

Together loose laid over a wood panel particle board without flame retarded classified C_{fl}-s1 with a density ≥ 510 kg/m^3 and over a fibre-cement $A2_{fl}$-s1 or $A1_{fl}$ class with a density ≥ 1350 kg/m^3.

This classification is valid for the following product parameters :

"Moduleo Roots 50 Satin"

- A nominal mass per unit area of : 4106 g/m²
- A nominal thickness of : 2,50 mm
- A nominal wear layer thickness of : 0,55 mm

"Xtrafloor Flex Pro"underlay

- A nominal thickness of : 1,8 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

Head of Tests
David VANDIERDONCK

End of the classification report