



REACTION TO FIRE CLASSIFICATION REPORT
N° 2018/001-2

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

(English version of classification report N°2018/001-1)

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

Sponsor : ONEFLOR EUROPE bvba
Doorniksestraat 63 bus 3
B 8500 KORTRIJK
BELGIUM

Product name : Family ECO 30 / ECO 55 / ECO 70

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

Date of issue : 02/01/2018

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 dated June 3rd 1994.

*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 product (s) 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 floorcovering (EN 10582 family) in size LVT 1219,2 mm x 177,8 mm.

Tested glued (acrylic glue BOSTIK MIPLAFIX 800 with depositing 300 g/m²) over a wood panel particle board without flame retarded classified C_n-s1, with a density (680 ± 50) kg/m³ and thickness (20 ± 2) mm.

Use surface: 100 % PVC

Nominal mass per unit area : 3300 to 4200 g/m²

Nominal total thickness : 2,0 to 2,5 mm

Nominal total wear layer: 0,30 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.	ONEFLOR EUROPE bvba Doorniksestraat 63 bus 3 B 8500 KORTRIJK BELGIUM	RL 2017/882-1 RL 2017/924	NF EN ISO 9239-1
		RL 2017/882 -2	NF EN ISO 11925-2

3.2. Tests results

Test method	Product	Number of tests	Results	
			Parameters	Compliance parameters
NF EN ISO 11925-2	ECO 70	6	F _s ≤ 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	ECO 70	3	Critical heat flux (kW/m ²)	10,1
			Smoke (% X min)	258,1

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	ECO 30	3	Critical heat flux (kW/m ²)	≥ 11
			Smoke (% X min)	158,7

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 _f	-	s1

Classification : B_f – 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_f-s1, with a density ≥ 510 kg/m³ and over a fibre-cement A2_f or A1_f, class with a density ≥ 1350 kg/m³.

This classification is valid for the following product parameters :

- A nominal mass per unit area of: 3300 to 4200 g/m²
- A nominal thickness of : 2,0 to 2,5 mm
- A nominal thickness wear layer: 0,30 to 0,70 mm

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

ECO 30

ECO 55

ECO 70

5. Limitations

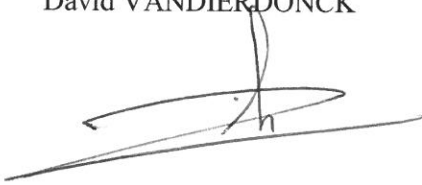
This classification document does not represent type approval or certification of the product.

“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 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 Test
David VANDIERDONCK

A handwritten signature in black ink, consisting of a large, stylized 'D' and 'V' followed by a horizontal line.

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

A handwritten signature in black ink, consisting of a large, stylized 'W' and 'M' followed by a vertical line.

End of the classification report