Centre de Recherches et d'Etudes Techniques du Tapis

REACTION TO FIRE CLASSIFICATION REPORT
N° 2023/181-2

According to EN 13501-1 (2018)

(English version of classification report N°2023/181-1)

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 FRANCE
Product name :	SUBFLEX RECREATION 60
Description :	Surfaces for sports areas (EN 14904) (see detailed description in paragraph 2)
Date of issue :	15/06/2023

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.

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 14904 (2006):"Surfaces for Sports areas – Indoor surfaces for multi-sports use".

2.2. Product description

Heterogeneous PVC surface sport floorcovering glued on HDF + PU foam backing (EN 14904 family).

Use surface : 2,0 mm thick PVC
Nominal mass per unit area of the assembly : 21700 g/m²
Nominal total thickness of the assembly : 39,8 mm

Tested loose laid over a fibre-cement board classified $A1_{fl}$ or $A2_{fl}$ with a density (1800 ± 200) kg/m³ and thickness (8 ± 2) mm.

3. Test reports and tests results in support of this classificationt

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 FRANCE	RL 2023/418-1	NF EN ISO 9239-1 (EN ISO 9239-1 : 2010)
		RL 2023/418-2	NF EN ISO 11925-2 (EN ISO 11925-2 : 2020)

3.2. Tests results

			Results	
Test method	Product	Number of tests	Parameters	Compliance parameters
NF EN ISO 11925-2	SUBFLEX RECREATION 60	6	Fs ≤ 150 mm	Compliant
Surface exposure-15 secondes			Ignition of the filter paper	Compliant

				Results
Test method	Product	Number of tests	Parameters	Continuous parameters : mean value
NF EN ISO 9239-1	SUBFLEX RECREATION 60	3	Critical heat flux (kW/m²)	6,7
			Smoke (% X min)	302,4

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
C_{fl}	-	s1

Classification : C_{fl} – s1

4.3. Field of application

This classification is valid for the following end use applications :

Loose laid over a fibre-cement $A1_{fl}$ or $A2_{fl}$ class with a density ≥ 1350 kg/m³.

This classification is valid for the following product parameters :

- A nominal mass per unit area of assembly : 21700 g/m²
- A nominal thickness of assembly : 39,8 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."

Head of Test
David VANDIERDONCK

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

End of the classification report