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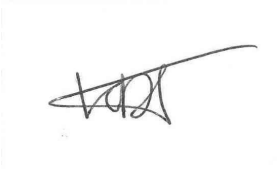
Your notice of	Your reference	Date
13-12-2022		30-01-2023

Analysis Report 22.06687.01

Required tests :

EN 13501-1 (2019)

Sample id	Information given by the client	Date of receipt
T2224943	SPC Flooring	13-12-2022



Kristina De Temmerman
Order responsible

The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

Reference: **T2224943 - SPC Flooring**

Information given by the client

Product standard	EN 13501-1 (2019)
Floor covering type	Loose-laid panels - Semi-rigid multilayer modular floor covering (MMF) panels with wear resistant top layer
EN product standard	EN 16511
FR treated	no
Mass	8.2 kg/m²
Thickness	4 mm

Notified body No: 0493

Reference: T2224943 - SPC Flooring

Reaction to fire tests – Ignitability of building products subjected to direct impingement of flame - Single-flame source test

Date of ending the test	19-01-2023
Standard used	EN ISO 11925-2 (2020)
Product standard	EN 13501-1 (2019)

Floor covering

Deviation from the standard	-
Conditioning	23°C, relative humidity 50% Minimum 14 days or until constant mass is achieved

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Weight (g/m²)	7897
Dimension of the specimens	250 mm x 90 mm x 4 mm
Substrate	Fibre cement board - density (1800 ± 200) kg/m³
Mounting	Loose-laid

Specimens have not been cleaned

Joint	In width direction : at 2.0 cm and 20.3 cm

Flame application time (s) 15
Flame application Surface - front

	Length			Width		
	1	**2**	**3**	**4**	**5**	**6**
Ignition	no	no	no	no	no	no
Time to reach 150 mm mark (s)	*	*	*	*	*	*
Additional observations						
Molten debris within 20 s after flame application	no	no	no	no	no	no
Hole formed within 20 s after flame application	no	no	no	no	no	no

* = time to reach the mark > 20 s or mark not reached

Criteria Floorcoverings
time to reach the mark: - > 20 s : Class Efl
- ≤ 20 s : Class Ffl

Classification **Class E_{fl}**

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

Reference: T2224943 - SPC Flooring

Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source

Date of ending the test	19-01-2023
Standard used	EN ISO 9239-1 (2010)
Product standard	EN 13501-1 (2019)
Deviation from the standard	-
Conditioning	23°C, relative humidity 50% Minimum 14 days or until constant mass is achieved

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Test specimen

Substrate	Fibre cement board - density (1800 ± 200) kg/m³
Mounting	Loose-laid
Specimens have not been cleaned	
Joint	In length direction : at 25 cm and at the centreline from the zero point In width direction : at 16,3 cm and each 18,3 cm

Radiant heat flux

	Flame spread distance (cm)			**Flame time**	**Heat flux ***
	10 min	20 min	30 min		**kW/m²**
Width					
#1	< 11	< 11	< 11	12 min 00 s	≥ 11
Length					
#1	< 11	< 11	< 11	12 min 00 s	≥ 11
#2	< 11	< 11	< 11	12 min 00 s	≥ 11
#3	< 11	< 11	< 11	12 min 00 s	≥ 11
Average					≥ 11

* Heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

Fire classification in accordance with EN 13501-1 (2019)		
Class	EN ISO 11925-2 or CWFT	EN ISO 9239-1 (test duration = 30 min)
B_{fl}	E_{fl}	heat flux ≥ 8,0 kW/m²
C_{fl}	E_{fl}	heat flux ≥ 4,5 kW/m²
D_{fl}	E_{fl}	heat flux ≥ 3,0 kW/m²

Smoke production: Light attenuation

	Maximum (%)	**Total (%.min)**
Width		
#1	4	22
Length		
#1	8	39
#2	4	32
#3	3	17
Average		29

Additional classification in accordance with EN 13501-1 (2019)	
smoke production ≤ 750%.min	s1
smoke production > 750%.min	s2

Reaction to fire classification : B_{fl} / s1
*Loose-laid on a non-combustible substrate**

** End use substrates of classes A1or A2-s1,d0 (EN 13238:2010 § 5.2.2)*

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 performance by the manufacturer within the context of system 3 of assessment and verification of constancy of performance and CE marking under the Construction Products Regulation.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. 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."