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United Kingdom

Your notice of
11-05-2021

Your reference

Date
06-07-2021

Analysis Report 21.02998.01

Required tests :

EN 13501-1 (2019)

Sample id	Information given by the client	Date of receipt
T2110787	Polysafe Wood fx PUR	11-05-2021

Kristina De Temmerman
Order responsible

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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: T2110787 - Polysafe Wood fx PUR

Information given by the client

Product standard	EN 13501-1 (2019)
Floor covering type	Polyvinyl chloride floor coverings with particle based enhanced slip resistance
EN product standard	EN 13845
FR treated	no
Mass	2780 g/m ²
Thickness	2.0 mm

Notified body No: 0493

Reference: T2110787 - Polysafe Wood fx PUR

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

Date of ending the test 10-06-2021
Standard used EN ISO 11925-2 (2020)
Product standard EN 13501-1 (2019)

Floor covering

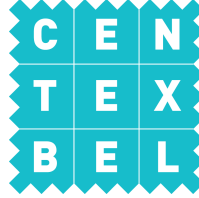
Deviation from the standard -

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) 2820
Dimension of the specimens 250 mm x 90 mm x 2 mm
Substrate Fibre cement board - density (1800 ± 200) kg/m³
Mounting Loose-laid

Specimens have not been cleaned



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 En**

Limitations

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

Reference: T2110787 - Polysafe Wood fx PUR

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

Date of ending the test	22-06-2021
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/m ³
Mounting	Stuck down with UZIN KE 66
Specimens have not been cleaned	

Radiant heat flux

	Flame spread distance (cm)			Flame time	Heat flux * kW/m ²
	10 min	20 min	30 min		
Width					
#1	12	12	12	12 min 00 s	10.6
Length					
#1	15	15	15	12 min 00 s	10.1
#2	13	13	13	12 min 00 s	10.4
#3	13	13	13	12 min 00 s	10.4
Average					10.3

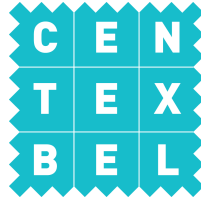
* Heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

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/m ²
C _{fl}	E _{fl}	heat flux ≥ 4,5 kW/m ²
D _{fl}	E _{fl}	heat flux ≥ 3,0 kW/m ²

Smoke production: Light attenuation

	Maximum (%)	Total (%.min)
Width		
#1	26	97
Length		
#1	35	142
#2	34	150
#3	28	126
Average		139

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



Reaction to fire classification : B_n/ s1

*Glued on a non-combustible substrate**

** End use substrates of classes A1 or 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.”