



Balta Oudenaarde (Captiqs)
Industriepark De Bruwaan 4
9700 OUDENAARDE

Your notice of
20-06-2022

Your reference

Date
08-08-2022

Analysis Report 22.03392.02

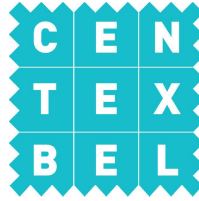
Required tests :

EN 13501-1 (2019)

Sample id	Information given by the client	Date of receipt
T2214521	XPO MAT/FLAT	15-07-2022

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: T2214521 - XPO MAT/FLAT

Information given by the client

Product standard	EN 13501-1 (2019)
Production batch/piece number	416363807
Date of carpet finishing	09-06-2022
FR treated	no
FR-surface treatment	no
Type of manufacture	Needle felt
Use-surface	PP
Backing layer	Latex
Total mass	300 g/m ²
Total thickness	3.0 mm
Surface structure	Structure/loop

Notified body No: 0493



Reference: T2214521 - XPO MAT/FLAT

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

Date of ending the test 05-08-2022
Standard used EN ISO 11925-2 (2020)
Product standard EN 13501-1 (2019)

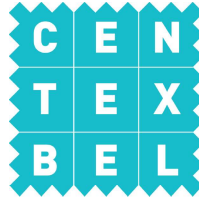
Floor covering

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) 346
Dimension of the specimens 250 mm x 90 mm x 3 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	yes	yes	yes	yes	yes	yes
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	yes	yes	yes	yes	yes	yes

* = 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 Efl**

Limitations

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

Reference: T2214521 - XPO MAT/FLAT

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

Date of ending the test	04-08-2022
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	Loose-laid
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		
Length					
#1	<11	<11	<11	12 min 00 s	≥ 11.0
Width					
#1	< 11	< 11	< 11	12 min 07 s	≥ 11
#2	<11	<11	<11	12 min 00 s	≥ 11
#3	<11	<11	<11	12 min 00 s	≥ 11
Average					≥ 11

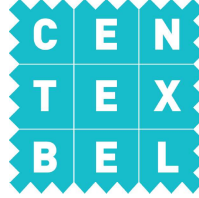
* Heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

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 _{f1}	E _{f1}	heat flux ≥ 8,0 kW/m ²
C _{f1}	E _{f1}	heat flux ≥ 4,5 kW/m ²
D _{f1}	E _{f1}	heat flux ≥ 3,0 kW/m ²

Smoke production: Light attenuation

	Maximum (%)	Total (%.min)
Length		
#1	0	2
Width		
#1	0	3
#2	0	5
#3	0	2
Average		3

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

*Loose-laid 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.”