



**Balta Oudenaarde (Captiqs)**  
**Industriepark De Bruwaan 4**  
**9700 OUDENAARDE**

**Your notice of**  
22-12-2023

**Your reference**

**Date**  
30-01-2024

## Analysis Report 23.06892.05

**Translation of analysis report 23.06892.01, made on 30-01-2024**

Required tests :

**EN 13501-1 (2019)**

Sample id	Information given by the client	Date of receipt
T2328855	XPO PURE MAT batch 422090005	22-12-2023

**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: T2328855 - XPO PURE MAT batch 422090005**

**Information given by the client**

Product standard	EN 13501-1 (2019)
Production batch/piece number	4220900005
Date of carpet finishing	18-08-2023
FR treated	no
FR-surface treatment	no
Type of manufacture	Structured needle felt
Use-surface	Polyolefine
Total mass	250 g/m <sup>2</sup>
Total thickness	3 mm

**Notified body No: 0493**



**Reference: T2328855 - XPO PURE MAT batch 422090005**

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

Date of ending the test 26-01-2024  
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/m<sup>2</sup>) 253  
Dimension of the specimens 250 mm x 90 mm x 3 mm  
Substrate Fibre cement board - density (1800 ± 200) kg/m<sup>3</sup>  
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
<b>Ignition</b>	no	no	yes	no	yes	no
<b>Time to reach 150 mm mark (s)</b>	*	*	*	*	*	*
<b>Additional observations</b>						
<b>Molten debris within 20 s after flame application</b>	no	no	no	no	no	no
<b>Hole formed within 20 s after flame application</b>	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**



**Reference: T2328855 - XPO PURE MAT batch 422090005**

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

Date of ending the test	26-01-2024
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 <sup>3</sup>
Mounting	Loose-laid
Specimens have not been cleaned	

Radiant heat flux

	Flame spread distance (cm)			Flame time	Heat flux * kW/m <sup>2</sup>
	10 min	20 min	30 min		
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 <sub>f1</sub>	E <sub>f1</sub>	heat flux ≥ 8,0 kW/m <sup>2</sup>
C <sub>f1</sub>	E <sub>f1</sub>	heat flux ≥ 4,5 kW/m <sup>2</sup>
D <sub>f1</sub>	E <sub>f1</sub>	heat flux ≥ 3,0 kW/m <sup>2</sup>

Smoke production: Light attenuation

	Maximum (%)	Total (%.min)
Width		
#1	0	2
Length		
#1	2	12
#2	1	6
#3	1	12
Average		10

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



**Reaction to fire classification : B<sub>n</sub>/ 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.”