Balta Industries nv - afdeling ITC
Kanegemstraat 15
8700 TIELT

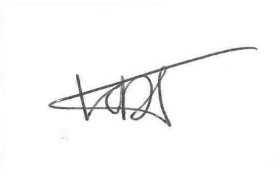
Your notice of	**Your reference**	**Date**
02-10-2020	PO 4500854124 – item 10	06-11-2020

Analysis Report 20.06027.01

Required tests :

EN 13501-1 (2019)

Sample id	Information given by the client	Date of receipt
T2021277	PRIMROSE SQR comfyBack	02-10-2020



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: **T2021277 - PRIMROSE SQR comfyBack**

Information given by the client

Product standard	EN 13501-1 (2019)
FR treated	yes
FR-surface treatment	no
Type of manufacture	Tufted
Use-surface	PA
Substrate, support	Fibre fleece
Backing layer	Bitumen + felt
Total mass	5300 g/m²
Pile thickness	8 mm
Total thickness	12.5 mm
Surface structure	Cut pile

Notified body No: 0493

Reference: **T2021277 - PRIMROSE SQR comfyBack**

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

Date of ending the test	29-10-2020
Standard used	EN ISO 11925-2 (2010)
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.

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

	Length			Width		
	1	2	3	4	5	6
Time to reach 150 mm mark (s)	*	*	*	*	*	*

* = 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: **T2021277 - PRIMROSE SQR comfyBack**

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

Date of ending the test	04-11-2020
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	At 25 cm and 75 cm

Radiant heat flux

	Flame spread distance (cm)			**Flame time**	**Heat flux ***
	10 min	20 min	30 min		**kW/m²**
Length					
#1	19	23	23	20 min 13 s	9.1
Width					
#1	24	24	24	19 min 03 s	8.9
#2	19	24	24	19 min 12 s	8.7
#3	16	22	22	20 min 22 s	9.2
Average					8.9

* 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)**
Length		
#1	13	41
Width		
#1	17	65
#2	19	55
#3	15	54
Average		58

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
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