

Printing Carpets Nederland bv
Flevolaan 60 F
1382 JZ WEESP
Nederland



Your notice of
13-02-2017

Your reference

Date
31-03-2017

Analysis Report 17.00886.31

Required tests :

EN 13501-1 (2007) + A1 (2009)

Identification number	Information given by the client	Date of receipt
T1703254	Digital Carpet Non Woven Type 1	13-02-2017

Kristina De Temmerman

Order responsible

This report may be reproduced, as long as it is presented in its entire form, without written permission of Centexbel.
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: T1703254 - Digital Carpet Non Woven Type 1

Information given by the client

Product standard	EN 13501-1 (2007) + A1 (2009)
FR treated	yes
FR-surface treatment	no
Type of manufacture	Flat needle felt
Use-surface	PES
Backing layer	Foam
Total mass	850 g/m ²
Pile thickness	2 mm
Total thickness	3 mm

Notified body No: 0493

Reference: T1703254 - Digital Carpet Non Woven Type 1

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

Date of ending the test 08-03-2017
 Standard used EN ISO 11925-2 (2010)
 Product standard EN 13501-1 (2007) + A1 (2009)

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
 Cleaning 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: T1703254 - Digital Carpet Non Woven Type 1

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

Date of ending the test	08-03-2017
Standard used	EN ISO 9239-1 (2010)
Product standard	EN 13501-1 (2007) + A1 (2009)
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 UZ 57 / Unipro - low emission, solvent-free dispersion adhesive – "EC1 very low emission"
Cleaning	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	<11	<11	<11	12 min 10 s	≥ 11
Length					
#1	<11	<11	<11	12 min 00 s	≥ 11
#2	<11	<11	<11	12 min 10 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 (2007) + A1 (2009)		
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	3	9
Length		
#1	5	16
#2	6	27
#3	2	15
Average		19

Additional classification in accordance with EN 13501-1 (2007) + A1 (2009)	
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 (ISO 13238:2010 § 5.2.2)*

Limitations

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