Printing Carpets Nederland bv
Dhr Raymond Kluit
Postbus 37
1398 ZG MUIDEN
Nederland

ISO 17025
BELAC
056-TEST

Your notice of	Your reference	Date
16-07-2013		12-09-2013

Analysis Report 13.03430.01

Required tests :

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

Identification number	Information given by the client	Date of receipt
T1311194	Digital floor vinyl type 1	16-07-2013

Petra Wittevrongel

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: T1311194 - Digital floor vinyl type 1

Information given by the client

Product standard	EN 13501-1 (2007) + A1 (2009)
Floor covering type	Polyvinyl chloride floor coverings with foam layer
EN product standard	EN 651
FR treated	no
Mass	1500 kg/m²
Thickness	3 mm

Notified body No: 0493

Reference: T1311194 - Digital floor vinyl 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	13-08-2013
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.

Performed under accreditation in the fire lab under the responsibility of Pros Van Hoeyland

Reference: T1311194 - Digital floor vinyl type 1

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

Date of ending the test	12-08-2013
Standard used	EN ISO 9239-1 (2010)
Product standard	EN 13501-1 (2007) + A1 (2009)
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	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 ***
	10 min	20 min	30 min		**kW/m²**
Length					
#1	<11	<11	<11	12 min 00 s	≥ 11.0
Width					
#1	14	14	14	12 min 00 s	10.1
#2	<11	<11	<11	12 min 00 s	≥ 11.0
#3	11	11	11	12 min 00 s	10.4
Average					≥ 10.5

* 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/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	21	17
Width		
#1	37	49
#2	24	16
#3	22	43
Average		36

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_{fl} / 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. "The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Directive.

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."