

Taizhou Huali Plastic Co. Ltd.
Zhangdian Industrial Zone, Jiangyan District
Jiangsu Province
TAIZHOU CITY
China



Your notice of
03-10-2017

Your reference

Date
03-11-2017

Analysis Report 17.05654.01

Required tests :

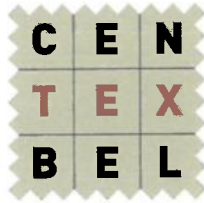
EN 13501-1 (2007) + A1 (2009)

Identification number	Information given by the client	Date of receipt
T1720952	Rigid Vinyl Plank with Silence Pad	03-10-2017

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.

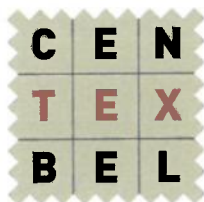


Reference: T1720952 - Rigid Vinyl Plank with Silence Pad

Information given by the client

Product standard	EN 13501-1 (2007) + A1 (2009)
Floor covering type	Semi-flexible polyvinyl chloride tiles
EN product standard	EN 654
FR treated	no
Mass	11 kg/m ²
Thickness	8 mm

Notified body No: 0493



Reference: T1720952 - Rigid Vinyl Plank with Silence Pad

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

Date of ending the test 24-10-2017
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

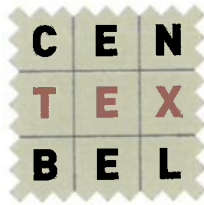
Criteria Floorcoverings

time to reach the mark: - > 20 s : Class Efl
- ≤ 20 s : Class Ffl

Classification Class E_n

Limitations

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



Reference: T1720952 - Rigid Vinyl Plank with Silence Pad

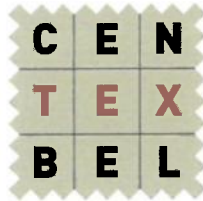
Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source

Date of ending the test 02-11-2017
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/m³
Mounting Loose-laid
Cleaning Specimens have not been cleaned
Joint In length direction: at 25 cm
In width direction: at 25 cm and 70.7 cm



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 00 s	≥ 11
Length					
#1	< 11	< 11	< 11	12 min 00 s	≥ 11
#2	< 11	< 11	< 11	12 min 15 s	≥ 11
#3	< 11	< 11	< 11	12 min 05 s	≥ 11
Average					≥ 11

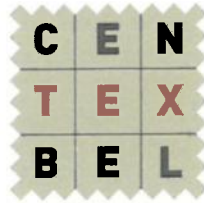
* Heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

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	21	148
Length		
#1	28	163
#2	25	159
#3	21	161
Average		161

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

*Loose-laid 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 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.”