

Dhr. Koen Deblauwe
IDEAL FLOORCOVERINGS
Wielsbeke nv
Boffonstraat 3
8710 WIELSBEKE

via certification

your delivery of your reference our reference date
2008-02-28 KDB/08004a + 08008a PVH/3145 Zwijnaarde, 2008-04-04

Analysis Report 61726/B

Required tests :

Classification of reaction to fire in accordance with EN 13501-1:2007

Identification number	Information given by the client	Date of receipt
T802332	quality FR treated use-surface substrate, support backing layer total mass pile thickness total thickness surface structure	SPARKLING no 100% PA 100% PP (woven) 100% PP (woven) 1.585 kg/m ² 5.5 mm 8.0 mm cut pile

Pros Van Hoeyland
order responsible

Notified body No: 0493

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ISO 17025



VAT BE 0459.218.289
CENTEXBEL-GENT
Technologiepark 7
BE-9052 Zwijnaarde

Tel. + 32 9 220 41 51 • Fax + 32 9 220 49 55
e-mail gent@centexbel.be

Fin. Acc. 210-0472965-45

www.centexbel.be

IBAN BE44 2100 4729 6545

CENTEXBEL-BRUSSELS
Montoyerstraat 24 B2
BE-1000 Brussels

Tel. + 32 2 287 08 30 • Fax + 32 2 230 68 15

Reference : T802332 - SPARKLING

Classification of reaction to fire in accordance with EN 13501-1:2007

Classification of textile floor coverings in accordance with EN 14041 (2004) § 4.1.4
 “The textile floor coverings listed in Table 2, in the end uses identified in the table, are classified without further testing (CWFT) in the classes shown and do not require testing in respect of these end uses and classes”.

Table 2 – Classes of reaction to fire for textile floor coverings, classified without further testing

Floor covering type ¹	EN product standard	Class ³ Floorings
Non-FR machine-made wall-to-wall carpets and pile carpet tiles ²	EN 1307	E _{fl}
Non-FR needled textile floor coverings without pile ²	EN 1470	E _{fl}
Non-FR needled textile floor coverings with pile ²	EN 13297	E _{fl}
¹⁾ Floor covering glued or loose laid over a Class A2-s1,d0 substrate ²⁾ Textile floor coverings having a total mass of max. 4.8 kg/m ² , a minimum pile thickness of 1,8 mm (ISO 1766) and <ul style="list-style-type: none"> - a surface of 100% wool - a surface of 80% wool or more – 20% polyamide or less - a surface of 80% wool or more – 20% polyamide/polyester or less - a surface of 100% polyamide - a surface of 100% polypropylene and if with SBR-foam backing, a total mass of > 0.780 kg/m². All polypropylene carpets with other foam backings are excluded. ³⁾ Class as provided for in Table 2 in the Annex to Decision 2000/147/EC.		

Classification: E_{fl}

Reference : T802332 - SPARKLING

Classification of reaction to fire in accordance with EN 13501-1:2007

1. Method:

Test Method - EN ISO 9239-1:2002
 Standard - EN 13501-1:2007

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.

Floor covering

- substrate : - fibre cement board
 - density (1800 ± 200) kg/m³
 - dimensions 105 cm x 23 cm x 0,5 cm.
- adhesive : - UZIN UZ 50 / Unipro - low emission, solvent-free dispersion adhesive –
 "EC1 very low emission"
- cleaning : - textile floor coverings are subjected to the laboratory spray extraction
 cleaning procedure according to ISO 11379

Conditioning

minimum 14 days at (23 ± 2) °C and (50 ± 5) % RH
 or
 until constant mass is achieved

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2. Results:

End of tests: 3 April 2008

Radiant heat flux

Test	flame spread distance (cm)			flame time	heat flux * kW/m ²
	10 min	20 min	30 min		
width					
1	28	29	29	13 min 35 s	7,7
length					
1	26	33	34	30 min 0 s	6,6
2	16	35	35	26 min 25 s	6,3
3	23	34	34	24 min 40 s	6,5
average					6,5

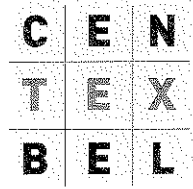
* heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

Fire classification in accordance with EN 13501-1:2007		
Class	EN ISO 11925-2 or CWFT	EN ISO 9239-1 (test duration = 30 min)
B _{f1}	E _{f1}	heat flux ≥ 8,0 kW/m ²
C _{f1}	E _{f1}	heat flux ≥ 4,5 kW/m ²
D _{f1}	E _{f1}	heat flux ≥ 3,0 kW/m ²

Smoke production

Test	maximum light attenuation (%)	total light attenuation (%min)
width		
1	8	45
length		
1	9	56
2	9	65
3	18	100
average		74

Additional classification in accordance with EN 13501-1:2007	
smoke production ≤ 750%.min	s1
smoke production > 750%.min	s2



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3. Classification:

Reaction to fire classification: C_{fl} / s1

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.”