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via certification

your e-mail of	**your reference**	**our reference**	**date**
2008-09-25		PVH/9772	Zwijnaarde, 2008-10-22

Analysis Report 65144

Required tests :

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

Identification number	Information given by the client		Date of receipt
T809414	Quality	TEXMARK	2008-09-25
	Total mass	1.950 kg/m²	
	Total thickness	2.80 mm	

Pros Van Hoeyland
order responsible

VAT BE 0459.218.289 **Fin. Acc. 210-0472965-45** **IBAN BE44 2100 4729 6545**

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Reference : T809414 - TEXMARK

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

Classification of resilient floor coverings in accordance with EN 14041 (2004) § 4.1.4 "The resilient floor coverings listed in Table 3, 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 3 – Classes of reaction to fire for resilient floor coverings, classified without further testing

Floor covering type[1]	**EN product standard**	**Minimum mass (kg/m²)**	**Maximum mass (kg/m²)**	**Minimum overall thickness (mm)**	**Class**[2] **Floorings**
Expanded (cushioned) polyvinyl chloride floor coverings	EN 653	1,0	2,8	1,1	E_{fl}
[1)] Floor covering loose laid over any wood based substrate of at least Class D-s2,d0 or any substrate of at least Class A2-s1,d0. [2)] Class as provided for in Table 2 in the Annex to Decision 2000/147/EC.					

Classification: E_{fl}

Reference : T809414 - TEXMARK

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 : - none / specimens were tested loose laid
- cleaning : - no

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

Reference : T809414 - TEXMARK

2. Results:

End of tests: 21 October 2008

Radiant heat flux

Test	flame spread distance (cm)			flame time	heat flux * kW/m²
	10 min	20 min	30 min		
width					
1	27	27	27	12 min 0 s	7,9
length					
1	28	28	28	12 min 0 s	7,7
2	26	26	26	12 min 0 s	8,2
3	29	29	29	12 min 0 s	7,5
average					**7,8**

* 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_{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

Test	maximum light attenuation (%)	total light attenuation (%min)
width		
1	99	193
length		
1	99	193
2	99	200
3	99	189
average		**194**

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

Reference : T809414 - TEXMARK

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."

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