

Dhr. José Lucas
Louis De Poortere nv
Rue de la Royenne 45B
7700 MOUSCRON

via certification

your visit of
2007-02-09

your reference

our reference
PVH/2564

date
Zwijnaarde, 2007-03-14

Analysis Report 55691/B

Required tests :

EN 13501-1 (2002) Fire classification of construction products and building elements
Part 1: Classification using test data from reaction to fire tests

Identification number	Information given by the client	Date of receipt
T701417	quality use-surface substrate, support backing layer total mass pile thickness total thickness surface structure	Richelieu velours 100% wool cotton/jute latex 2.240 kg/m ² 6.4 mm 8.4 mm cut pile
T701418	Egalsoft	2007-02-09

Pros Van Hoeyland
order responsible

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Reference : M1700166 composed of :

T701417 - Richelieu velours
T701418 - Egalsoft

EN 13501-1 (2002) Fire classification of construction products and building elements
Part 1: Classification using test data from reaction to fire tests

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 _n
Non-FR needled textile floor coverings without pile ²	EN 1470	E _n
Non-FR needled textile floor coverings with pile ²	EN 13297	E _n
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_n

Reference : M1700166 composed of :

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EN 13501-1 (2002) Fire classification of construction products and building elements
Part 1: Classification using test data from reaction to fire tests

Test in accordance with

EN ISO 9239-1 (2002): Reaction to fire tests for floorings
Part 1: Determination of the burning behaviour using a radiant heat source

End of tests: 13 March 2007

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 : - textile floor coverings are subjected to the laboratory spray extraction cleaning procedure according to ISO 11379

Conditioning

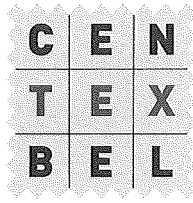
minimum 14 days at (23 ± 2) °C and (50 ± 5) % RH
or
until constant mass is achieved

Radiant heat flux

Test	flame spread distance (cm)			flame time	heat flux * kW/m ²
	10 min	20 min	30 min		
length					
1	17	17	17	12 min 25 s	9,9
width					
1	18	18	18	12 min 0 s	9,7
2	15	15	15	12 min 0 s	10,2
3	20	20	20	12 min 0 s	9,3
average					9,7

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

Fire classification in accordance with EN 13501-1 (2002)		
Class	EN ISO 11925-2 or CWFT (EN 14041 - 2004)	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



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Smoke production

Air flow rate in the stack : 2,5 m/s (measured before testing).

The following parameters are measured :

- maximum light attenuation (%)
- total light attenuation (%min)

Test	maximum light attenuation (%)	total light attenuation (%min)
length		
1	15	88
width		
1	15	119
2	12	55
3	27	47
average		74

Additional classification in accordance with EN 13501-1 (2002)	
smoke production \leq 750%.min	s1
smoke production $>$ 750%.min	s2

Fire classification in accordance with EN 13501-1 (2002):

B_{fl} / s1

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.



**louis de
poortere** 

Rue de la Royenne 45
B 7700 Mouscron

EN 14041



EN 1307

Richelieu Velours



<i>Technique de fabrication/Fabricagemethode :</i> <i>Herstellungsverfahren :</i> <i>Manufacturation process/Tecnica di fabbricazione:</i>	Wilton
<i>Aspect du velours/Poolaspect :</i> <i>Oberflächenstruktur :</i> <i>Pile/Aspetto del Velluto :</i>	Cut pile
<i>Composition du Velours/Samenstelling pool :</i> <i>Florzusammensetzung :</i> <i>Pile composition/Composizione del velluto :</i>	100 % wool
<i>Hauteur du velours/Poolhoogte :</i> <i>Florhöhe :</i> <i>Pile height/Altezza del velluto :</i>	+/- 6 mm
<i>Hauteur totale/totale hoogte :</i> <i>Gesamthöhe :</i> <i>Total height / Altezza totale :</i>	+/- 8 mm
<i>Nombre du point M2/Aantal knopen M2 :</i> <i>Noppenzahl M2/Number of tufts M2 :</i> <i>Numero di punti M2 :</i>	+/- 111.000 x 2
<i>Poids du velours conditionné /Geconditioneerd Poolgewicht:</i> <i>Bedingtes Gewicht/ Conditioned pile weight :</i> <i>Peso velluto condizionato :</i>	+/ 1240 gr
<i>Poids total gr M2/Totaal gewicht gr M2 :</i> <i>Gesamt gewicht gr M2/Total weight gr M2 :</i> <i>Peso totale gr M2:</i>	+/- 2140 gr
<i>Dos/Rug :</i> <i>Rückenausrüstung :</i> <i>Back/Dorso:</i>	Cotton/polyprop- Cotton/polyester
<i>Largeurs/Breedten :</i> <i>Breiten :</i> <i>Widths/Larghezza:</i>	- 457 cm – 550 cm
<i>Coloris/Aantal kleuren :</i> <i>Anzahl des Farben :</i> <i>Number of colours/Colori :</i>	60
<i>Recommended installation method</i>	Stretched on underlay