



5.1.2.e

MC THREE NV - AFDELING BAJONG CARPETS
Vichtesteenweg 142
8540 DEERLIJK

via certification

your delivery of
2011-02-18

your reference

our reference
PVH/2753

date
Zwijnaarde, 2011-03-17

Analysis Report 78605

Required tests :

Classification of reaction to fire in accordance with EN 13501-1:2007+A1 (2009)

Identification number	Information given by the client		Date of receipt
T101850	quality	CORSICA CORD	2011-02-18
	FR treated	yes	
	FR-surface treatment	no	
	use-surface	100% PA SD	
	substrate, support	PP	
	backing layer	PP	
	total mass	2.020 kg/m ²	
	pile thickness	5 mm	
	total thickness	7 mm	
	surface structure	loop pile	

5.1.2.e

order responsible

Notified body No: 0493

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Reference : T101850 - CORSICA CORD

Classification of reaction to fire in accordance with EN 13501-1:2007+A1 (2009)

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 - 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 : T101850 - CORSICA CORD

Classification of reaction to fire in accordance with EN 13501-1:2007+A1 (2009)

1. Method:

Test Method	- EN ISO 9239-1:2010
Standard	- EN 13501-1:2007+A1 (2009)

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
- mounting : - stuck down with
UZIN UZ 50 / Unipro - low emission, solvent-free dispersion adhesive –
"EC1 very low emission"
- cleaning : - specimens have not been cleaned

Conditioning

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

Reference : T101850 - CORSICA CORD

2. Results:

End of tests: 15 March 2011

Radiant heat flux

Test	flame spread distance (cm)			flame time	heat flux * kW/m ²
	10 min	20 min	30 min		
length					
1	<11	<11	<11	12 min 10 s	≥11
width					
1	12	13	13	12 min 50 s	10,8
2	12	12	12	12 min 20 s	10,9
3	12	12	12	12 min 5 s	10,9
average					10,9

* 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 _f	E _f	heat flux ≥ 8,0 kW/m ²
C _f	E _f	heat flux ≥ 4,5 kW/m ²
D _f	E _f	heat flux ≥ 3,0 kW/m ²

Smoke production

Test	maximum light attenuation (%)	total light attenuation (%min)
length		
1	1	6
width		
1	3	1
2	5	17
3	5	17
average		12

Additional classification in accordance with EN 13501-1:2007+A1 (2009)	
smoke production ≤ 750%.min	s1
smoke production > 750%.min	s2

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3. Classification:

Reaction to fire classification: $B_{fl} / s1$ glued on a non-combustible substrate
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Limitations

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