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ISO 17025
BELAC
056-TEST

Your notice of	Your reference	Date
06-07-2015		10-07-2015

Analysis Report 15.03258.01

Required tests :

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

Identification number	Information given by the client	Date of receipt
T1511775	Essence SoundMaster Lite	06-07-2015

Jo Wynendaele

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.

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INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947

Reference: **T1511775 - Essence SoundMaster Lite**

Information given by the client

Product standard	EN 13501-1 (2007) + A1 (2009)
FR treated	no
FR-surface treatment	no
Type of manufacture	Tufted
Use-surface	PA 6
Substrate, support	PES
Backing layer	Desso SoundMaster® Lite
Total mass	4300 g/m²
Pile thickness	2.2 mm
Total thickness	7.5 mm
Surface structure	Loop pile

Notified body No: 0493

INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ÉTABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947

Reference: T1511775 - Essence SoundMaster Lite

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

Product standard 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/m², 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 **Class E_{fl}**

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Reference: T1511775 - Essence SoundMaster Lite

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

Date of ending the test	09-07-2015
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	At 25 cm and 75 cm

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Radiant heat flux

	Flame spread distance (cm)			Flame time	Heat flux *
	10 min	20 min	30 min		kW/m²
Length					
#1	16	16	16	12 min 00 s	10.0
Width					
#1	17	24	24	21 min 15 s	8.5
#2	19	19	19	12 min 00 s	9.5
#3	23	24	24	16 min 05 s	8.5
Average					8.8

* 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) + 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/m²
C_{fl}	E_{fl}	heat flux ≥ 4,5 kW/m²
D_{fl}	E_{fl}	heat flux ≥ 3,0 kW/m²

Smoke production: Light attenuation

	Maximum (%)	Total (%.min)
Length		
#1	15	51
Width		
#1	23	73
#2	21	70
#3	29	101
Average		81

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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Reaction to fire classification : B_{fl} / s1

*loose-laid on a non-combustible substrate**

** End use substrates of classes A1or 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."

Performed under accreditation in the fire lab under the responsibility of Nathan De Kock

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