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Technical specifications

Sarlon 15 dB and 19 dB meet the requirements of EN 14041 and EN 651

	sarlon 15 dB		sarlon 19 dB	
	Total thickness	EN-ISO 24346	2.6 mm	3.4 mm
	Wear layer thickness	EN-ISO 24340	0.70 mm	0.67 mm
	Total weight	EN-ISO 23997	2,700 g/m²	2,900 g/m²
	Impact sound reduction	EN-ISO 717-2	ΔL _w = 15 dB	ΔL _w = 19 dB
	In-room impact noise	NF S 31-074	L _{n,e,w} < 65 dB, Class A	L _{n,e,w} < 65 dB, Class A
	Sound absorption	EN-ISO 354 EN-ISO 11654	α _w = ± 0,05	α _w = ± 0,05
	Residual indentation (Typical value) <i>Requirement</i>	EN-ISO 24343-1	~0.05 mm ≤ 0,20 mm	~0.08 mm ≤ 0,20 mm
	Slip resistance	DIN 51130	R9	R9
	Abrasion resistance	EN 660-2	T	T
	Specifications		EN 651	EN 651
	Commercial use	EN-ISO 10874	34	34
	Light industrial use	EN-ISO 10874	42	42
	Packaging		Rolls	Rolls
	Roll length	EN-ISO 24341	25 m	25 m
	Roll width	EN-ISO 24341	2 m	2 m
	Castor chair resistance	EN 425 (ISO 4918)	Yes	Yes
	Furniture leg resistance	EN 424 (ISO 16581)	compliant	compliant
	Dimensional stability <i>Requirement</i>	EN-ISO 23999	< 0.10 % ≤ 0.40 %	< 0.10 % ≤ 0.40 %
	Colour fastness to light <i>Requirement</i>	EN ISO 105-B02 - method 3	7 ≥ 6	7 ≥ 6
	Stain resistance	EN-ISO 26987	Good	Good
	Surface treatment		PUR	PUR
	Emissions into air : TVOC* at 28 days	EN-ISO 16000-9	< 100 µg/m³	< 20 µg/m³
			EN 14041  0201819_DOP_306	EN 14041  0200825_DOP_306
	Compliance EN 14041		Yes	Yes
	Reaction to fire	EN 13501-1	Bfl - s1 ⁽²⁾	Cfl - s1 ⁽¹⁾
	Slip resistance	EN 13893	Class D5 (µ ≥ 0,30)	Class D5 (µ ≥ 0,30)
	Body voltage	EN 1815	E ≤ 2 kV , Antistatic	E ≤ 2 kV , Antistatic
	Thermal conductivity	EN 12524 (EN-ISO 10456)	0,25 W/(m.K), suitable for heating floors	0,25 W/(m.K), suitable for heating floors

⁽¹⁾ Valid on every substrate: wood, non combustible A2_s-s1 or A1_{fl} or on free laying (with SARLIBASE TE underlayer)

⁽²⁾ Valid on non combustible substrate: A2_s-s1 or A1_{fl}

* TVOC : total volatile organic compounds

All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.

