


























# Technical specifications

Sarlon 15 dB, Sarlon 19 dB and Modul'up 19 dB meet the requirements of EN 651 and ISO 11638  
Modul'up Compact meet the requirements of EN 10582

		Sarlon 15 dB	Sarlon 19 dB	Modul'up 19 dB	Modul'up Compact	
	Total thickness	EN ISO 24346	2.6 mm	3.4 mm	3.45 mm	2.0 mm
	Wear layer thickness	EN ISO 24340	0.70 mm	0.70 mm	0.70 mm	0.70 mm
	Commercial use	EN ISO 10874	34	34	34	34
	Industrial use	EN ISO 10874	42	42	42	43
	Packaging		Rolls	Rolls	Rolls	Rolls
	Roll length	EN ISO 24341	25 ml	25 ml	25 ml	25 ml
	Roll width	EN ISO 24341	2 m	2 m	2 m	2 m
	Total weight	EN ISO 23997	2.700 g/m <sup>2</sup>	2.900 g/m <sup>2</sup>	2.830 g/m <sup>2</sup>	2.600 g/m <sup>2</sup>
	Impact sound reduction	EN ISO 717-2	ΔL <sub>w</sub> = 15 dB	ΔL <sub>w</sub> = 19 dB	ΔL <sub>w</sub> = 19 dB	n.a.
	In-room impact noise	NF S 31-074	L <sub>n,e,w</sub> < 65 dB, Class A	L <sub>n,e,w</sub> < 65 dB, Class A	L <sub>n,e,w</sub> < 65 dB, Class A	L <sub>n,e,w</sub> < 75 dB, Class B
	Sound absorption	EN ISO 354 EN ISO 11654	α <sub>w</sub> = ± 0.05	α <sub>w</sub> = ± 0.05	α <sub>w</sub> = ± 0.05	α <sub>w</sub> = ± 0.05
	Residual indentation typical value Requirement	EN ISO 24343-1	0.05 mm ≤ 0.20 mm	0.08 mm ≤ 0.20 mm	0.08 mm ≤ 0.20 mm	0.02 mm ≤ 0.10 mm
	Slip resistance	DIN 51130	R10	R10	R10	R10
	Abrasion resistance	EN 660-2	T	T	T	T
	Castor chair resistance	ISO 4918	Yes	Yes	Yes	Yes
	Furniture leg resistance	EN ISO 16581	compliant	compliant	compliant	compliant
	Dimensional stability	EN ISO 23999	≤ 0.10 %	≤ 0.10 %	≤ 0.10 %	≤ 0.10 %
	Colour fastness to light Requirement	EN ISO 105-B02	7 ≥ 6	7 ≥ 6	7 ≥ 6	7 ≥ 6
	Stain resistance	EN ISO 26987	Excellent	Excellent	Excellent	Excellent
	Surface treatment		XtremPUR <sup>™</sup>	XtremPUR <sup>™</sup>	XtremPUR <sup>™</sup>	XtremPUR <sup>™</sup>
	Antibacterial activity <sup>(3)</sup> Efficacy to kill <i>E. coli</i> and <i>S. aureus</i>	ISO 22196	Very good	Very good	Very good	Very good
	Emissions into air : TVOC* at 28 days	EN 16516	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>
	REACH (European regulation)	1907/2006/CE	compliant <sup>(1)</sup>	compliant <sup>(1)</sup>	compliant <sup>(1)</sup>	compliant <sup>(1)</sup>
	Compliance EN 14041		0200860-DOP-010	0200859-DOP-010	0200859-DOP-010	0200862-DOP-010
	Reaction to fire	EN 13501-1	B <sub>fl</sub> - s1, L, NCS	B <sub>fl</sub> - s1, L, NCS	B <sub>fl</sub> - s1, L, NCS	B <sub>fl</sub> - s1, L, NCS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV	≤ 2 kV	≤ 2 kV	≤ 2 kV
	Thermal conductivity <sup>(2)</sup>	EN 12524 (EN ISO 10456)	0.25 W/(m.K)	0.25 W/(m.K)	0.25 W/(m.K)	0.25 W/(m.K)

<sup>(1)</sup> The articles (products) do not contain substances of the candidate list published by ECHA (SVHC substances of very high concern) to be declared in accordance with REACH.

<sup>(2)</sup> The products are suitable for underfloor heating.

<sup>(3)</sup> To strictly follow the Forbo cleaning recommendation process is the best protection against infection.

\* 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 (EPDs) which can be found on all of our websites.

