

# Technical specifications

Modul'up Compact meet the requirements of EN 10582

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

		Modul'up 19 dB	Modul'up Compact	Sarlon 19 dB	Sarlon 15 dB	
	Total thickness	EN ISO 24346	3.45 mm	2.0 mm	3.4 mm	2.6 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	43	42	42
	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	2.830 g/m <sup>2</sup>	2.600 g/m <sup>2</sup>	2.900 g/m <sup>2</sup>	2.700 g/m <sup>2</sup>
	Impact sound reduction	EN ISO 717-2	ΔLw = 19 dB	n.a.	ΔLw = 19 dB	ΔLw = 15 dB
	In-room impact noise	NF S 31-074	Ln,e,w < 65 dB, Class A	Ln,e,w < 75 dB, Class B	Ln,e,w < 65 dB, Class A	Ln,e,w < 65 dB, Class A
	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	0.08 mm ≤ 0.20 mm	0.02 mm ≤ 0.10 mm	0.08 mm ≤ 0.20 mm	0.05 mm ≤ 0.20 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™	XtremPUR™	XtremPUR™	XtremPUR™
	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		0200859-DOP-010	0200862-DOP-010	0200859-DOP-010	0200860-DOP-010
	Reaction to fire	EN 13501-1	B <sub>n</sub> - s1, L, NCS	B <sub>n</sub> - s1, L, NCS	B <sub>n</sub> - s1, L, NCS	B <sub>n</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.

\* 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.



## Australia

Forbo Flooring Systems  
23 Ormsby Place  
Wetherill Park, NSW 2164  
Tel: 1800 224 471  
Fax: 1800 662 566  
E-mail: info.au@forbo.com  
www.forbo-flooring.com.au

## New Zealand

Forbo Flooring Systems  
Inzide Commercial Ltd  
Level 2, 34 Barrys Point Rd  
Takapuna,  
Auckland, 0622  
Tel: +64 9 441 9850  
Free call: 0800 800 656  
Fax: +64 441 9851  
www.inzide.co.nz  
sales@inzide.co.nz

## Belgium - Dutch

Forbo Flooring  
't Hofveld 4B 001  
1702 Groot-Bijgaarden  
Tel: +32 2 464 10 10  
Fax: +32 2 464 10 11  
info.belgium@forbo.com  
www.forbo-flooring.be

## Finland

Forbo Flooring Finland Oy  
Heikkiläntie 2, 4 krs  
00210 Helsinki  
Puhelin +358 (0)9 862 30 300  
Faksi +358 (0)9 862 30 301  
Sähköposti: info.finland@forbo.com  
www.forbo-flooring.fi

## Portugal

Forbo-Revestimentos, SA  
Zona Industrial da Maia I, Sector VII  
Tv. Eng. Nobre da Costa, 87  
Apartado 6091  
4476-908 Maia  
T: +351 229 996 900  
F: +351 229 996 909  
info.revestimentos@forbo.com  
www.forbo-flooring.com.pt

## Sweden

Forbo Flooring AB  
Box 9046, 400 91 Göteborg  
Sweden  
T: 031-89 20 00  
Stockholm tel: 08-602 34 90  
Kundservice tel: 031-89 20 90  
info.sweden@forbo.com  
www.forbo-flooring.se

## Poland

Forbo Flooring Polska  
ul. Jeleniogórska 16  
60-179 Poznań  
Poland  
T: +48 (61) 862 13 82  
F: +48 (61) 622 71 75  
info.pl@forbo.com  
www.forbo-flooring.pl

## Other Countries

Forbo Flooring B.V.  
P.O. Box 13  
1560 AA Krommenie  
The Netherlands  
T: +31 75 647 74 77  
F: +31 75 647 77 01  
contact@forbo.com  
www.forbo-flooring.com

Find us on



creating better environments



FLOORING SYSTEMS