

Technical specifications

Modul'up Decibel, Modul'up Compact and Modul'up T.E. meet the requirements of EN 14041 (EN 651 & EN ISO 10582)



modul'up

		Modul'up Compact	Modul'up Decibel	Modul'up T.E.
	Total thickness	EN - ISO 24346 2.00 mm	3.45 mm	2.4 mm
	Wear layer thickness	EN - ISO 24340 0.70 mm	0.67 mm	0.70 mm
	Commercial use	EN - ISO 10874 Class 34	Class 34	Class 34
	Industrial use	EN - ISO 10874 Class 43	Class 42	Class 43
	Collection size	20	20	6
	Roll width	EN - ISO 24341 2 m	2 m	2 m
	Roll length	EN - ISO 24341 ≤ 25 m	≤ 25 m	≤ 25 m
	Total weight	EN - ISO 23997 2600 g/m ²	2830 g/m ²	2700 g/m ²
	Dimensional stability	EN - ISO 23999 < 0.10%	< 0.10%	< 0.10%
	Acoustical impact noise reduction	EN ISO 717-2 ΔLw = 4 dB	ΔLw = 19 dB	ΔLw = 7 dB
	In-room impact noise	NF S 31-074 L _{n,e,w} < 75 dB, Class B	L _{n,e,w} < 65 dB, Class A	L _{n,e,w} < 75 dB, Class B
	Sound absorption	EN ISO 354 / EN ISO 11654 a _w = ± 0.05	a _w = ± 0.05	a _w = ± 0.05
	Residual indentation (typical value) Requirement	EN - ISO 24343-1 0.02 mm ≤ 0.10 mm	0.08 mm ≤ 0.20 mm	0.05 mm ≤ 0.10 mm
	Furniture leg resistance	EN 424 (ISO 16581) compliant	compliant	compliant
	Abrasion resistance	EN 660-2 Group T	Group T	Group T
	Castor chair continuous use	ISO 4918 / EN 425 yes	yes	yes
	Light fastness	ISO 105 B-02 ≥ 7	≥ 7	≥ 7
	Stain resistance	EN ISO 26987 Good	Good	Good
	Surface treatment	OVERCLEAN XL	OVERCLEAN XL	OVERCLEAN XL
	Slip resistance	DIN 51130 R9	R9	R9
	Creating better environments			
	Renewable electricity	Modul'up is manufactured using 100% electricity made from renewable sources		
	Indoor Air Emissions: TVOC* at 28 days	EN 16516 < 0.02 mg/m ³	< 0.02 mg/m ³	< 0.02 mg/m ³
	Back to the Floor	Installation off cuts can be collected via Back to the Floor. Fully recyclable at end of life		
	Ska Rating	Modul'up meets the Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes		
Modul'up meets the requirements of EN 14041				
	Reaction to fire	EN 13501-1 B _{f1} -s1	C _f -s1	B _{f1} -s1
	Slip resistance	EN 13893 μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	EN 1815 ≤ 2 kV	≤ 2 kV	≤ 2 kV
	Thermal conductivity	EN 12524 0.25 W/m-K, suitable for heated floors	0.25 W/m-K, suitable for heated floors	0.25 W/m-K, suitable for heated floors



* TVOC: total volatile organic compounds.

All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001. All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001. The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's) or local building rating schemes such as BREEAM.

BREEAM ratings (generic)						BREEAM ratings (generic)					
Modul'up Compact and T.E. – Heterogeneous polyvinyl floor covering (EN649). FCSS 23/32						Modul'up Decibel – Heterogeneous polyvinyl floor covering with foam backing (EN651). FCSS 23/32					
Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
A	A+	A+	A	A+	A+	A	A+	A+	A	A	A+

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