

Technical specifications

Allura Flex Decibel meets the requirements of EN 651

	Total thickness	EN-ISO 24346	3.45 mm
	Wearlayer thickness	EN-ISO 24340	0.65 mm
	Commercial use	EN-ISO 10874	Class 33
	Industrial use	EN-ISO 10874	Class 42
	Collection size		18
	Tile size	EN-ISO 24342	50 x 50 cm
	Plank size	EN-ISO 24342	20 x 100 cm
	Packaging per box		Boxes of 28 tiles (7 m ²) Boxes of 25 planks (5 m ²)
	Total weight	EN-ISO 23997	2800 g/m ²
	Abrasion resistance	EN 660-2	group T
	Slip resistance	DIN 51130	R9
	Acoustical impact noise reduction	EN-ISO 717-2	$\Delta L_w = 19$ dB
	In-room impact noise	S 31-074	$L_{n,e,w} < 65$ dB, Class A
	Sound absorption	EN-ISO 354 EN-ISO 11654	$\alpha_w = \pm 0.05$
	Castor chair continuous use	ISO 4918 / EN 425	No effect
	Residual indentation	EN-ISO 24343-1	0.12 mm
	Furniture leg resistance	ISO 16581	Compliant
	Colour fastness to light	EN-ISO 105-B02	≥ 6
	Dimension stability	EN-ISO 23999	$< 0.10\%$
	Stain resistance	EN-ISO 26987	Good

All Allura products meet the requirements of EN 14041

EN 14041
CE
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	Reaction to fire	EN 13501-1	C _s -s1
	Slip resistance	EN 13893	Class DS ($\mu \geq 0.30$)
	Thermal conductivity	EN 12524	0.25 W/(m.K)
	Body voltage	EN 1815	≤ 2 kV

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.

