

Technical specifications

Allura Decibel meets the requirements of EN 651

		Allura Decibel 0.35	Allura Decibel 0.8	
	Total thickness	EN-ISO 24346	3.15 mm	4.00 mm
	Wearlayer thickness	EN-ISO 24340	0.35 mm	0.80 mm
	Collection size		30	30
	Domestic use	EN-ISO 10874	23	23
	Commercial/light industrial use	EN-ISO 10874	32	34 / 42
	Tile size	EN-ISO 24342	50 x 50 cm / 100 x 100 cm	50 x 50 cm / 100 x 100 cm
	Plank size	EN-ISO 24342	100 x 16.6 cm / 100 x 20 cm / 120 x 20 cm	100 x 16.6 cm / 100 x 20 cm / 120 x 20 cm
	Packaging per carton tiles		50 x 50 cm: 20 per box (5m ²) 100 x 100 cm: on request	50 x 50 cm: 16 per box (4m ²) 100 x 100 cm: on request
	Packaging per carton planks		100 x 16.6 cm: 30 per box (4.98m ²) 100 x 20 cm: 27 per box (5.40m ²) 120 x 20 cm: 19 per box (4.56m ²)	100 x 16.6 cm: 24 per box (3.98m ²) 100 x 20 cm: 22 per box (4.40m ²) 120 x 20 cm: 16 per box (3.84m ²)
	Total weight	ISO 23997	2300 g/m ²	3600 g/m ²
	Castor chair continuous use	ISO 4918	Yes	Yes
	Slip resistance	DIN 51130	R9 / R10*	R9 / R10*
	Acoustical Impact sound reduction	EN-ISO 717-2	19 dB	19 dB
	Residual indentation typical value	ISO 24343-1	≤ 0.20 mm ~0.12 mm	≤ 0.20 mm ~0.11 mm
	Light fastness	ISO 105-B02	≥6	≥6
	Indoor Air Emissions: TVOC after 28 days	EN 16516	< 0.01 mg/m ³	< 0.05 mg/m ³
	Resistance to chemicals	EN-ISO 26987	Good	Good
	Dimensional stability (after exp. to heat)	EN-ISO 23999	≤ 0.05%	≤ 0.05%
	Surface treatment		Overclean	Overclean XL
	Creating better environments			
	Renewable electricity	Allura is manufactured using 100% electricity from renewable sources.		
	Back to the Floor	Back to the Floor - Installation off cuts can be collected via our Back to the Floor scheme.		
	Allura meets the requirements of EN 14041	EN 14041 CE 0200879-DoP-908	EN 14041 CE 0200880-DoP-908	
	Reaction to fire	EN 13501	C _f -s1, L, CS	C _f -s1, L, CS
	Slip resistance	EN 13893	μ > 0.30	μ > 0.30
	Thermal conductivity	EN 12524	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	< 2kV	< 2kV

* R10 for wood embossing

Recommended Adhesives: For the latest installation instructions and recommended adhesives, please visit www.forbo-flooring.co.uk/installation

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.

Allura Decibel is manufactured in a facility certified to SA8000 and OHAS 18001.



Allura Decibel polyvinyl chloride floor coverings with foam layer (EN651). FCSS 33

Building Type	Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
A	A+	A+	A	A	A+	A+