

Technical specifications

Allura decibel meets the requirements of EN ISO 11638



Allura decibel 0.35 / b+

Allura decibel 0.8 / b+

		Allura decibel 0.35 / b+	Allura decibel 0.8 / b+	
	Total thickness	EN-ISO 24346	3.15 mm	4.00 mm
	Wearlayer thickness	EN-ISO 24340	0.35 mm	0.80 mm
	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	50 x 50 cm / 100 x 100 cm
	Plank size	EN-ISO 24342	50 x 12.5 cm / 100 x 16.6 cm / 100 x 20 cm / 120 x 20 cm / 150 x 20 cm	50 x 12.5 cm / 100 x 16.6 cm / 100 x 20 cm / 120 x 20 cm / 150 x 20 cm
	Packaging per carton tiles		50 x 50 cm: 20 per box (5 m ²)	50 x 50 cm: 16 per box (4 m ²) 100 x 100 cm (on request): 100 per pallet (100 m ²)
	Packaging per carton planks		50 x 12.5 cm: 30 per box (1.875 m ²) 100 x 16.6 cm: 30 per box (4.98 m ²) 100 x 20 cm: 27 per box (5.40 m ²) 120 x 20 cm: 19 per box (4.56 m ²) 150 x 20 cm: 17 per box (5.10 m ²)	50 x 12.5 cm: 24 per box (1.5 m ²) 100 x 16.6 cm: 24 per box (3.98 m ²) 100 x 20 cm: 22 per box (4.40 m ²) 120 x 20 cm: 16 per box (3.84 m ²) 150 x 20 cm: 14 per box (4.20 m ²)
	Total weight	ISO 23997	2300 g/m ²	3600 g/m ²
	Wearlayer binder content	EN-ISO 10582	Type 1	Type 1
	Castor chair continuous use	ISO 4918	Yes	Yes
	Slip resistance	DIN51130	R10	R10
	Acoustical impact noise reduction	EN-ISO 717-2	19dB	19dB
	Residual indentation - typical value	ISO 24343-1	0.12 mm	0.11 mm
	Light fastness	ISO 105-B02	≥7	≥7
	VOC emissions	EN 16516	0,01g/m ³	0,03g/m ³
	Resistance to chemicals	EN-ISO 26987	Good	Good
	Dimension stability (after exp. to heat)	EN-ISO 23999	≤ 0.02%	≤ 0.02%
	Surface treatment		Overclean	Overclean XL
	Creating better environments			
	Renewable electricity		Allura decibel is manufactured using 100% energy from renewable sources.	
	Recycled content		Allura decibel 20% recycled content Allura decibel b+ 31% recycled content (mass balance)	
	Allura meets the requirements of EN 14041		EN 14041 CE 0200859-DoP-010	EN 14041 CE 0200859-DoP-010
	Reaction to fire	EN 13501	B _n -s1, L, NCS	B _n -s1, L, NCS
	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

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.

