

Technical specifications

Allura Decibel meets the requirements of EN 651

allura decibel

		Allura Decibel 0.35	Allura Decibel 0.8	
	Total thickness	EN-ISO 24346	3.15 mm	4.00 mm
	Wear thickness layer	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 / 75 x 50 cm	50 x 50 cm / 75 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 / 150 x 20 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 (5m ²) 75 x 50 cm: 17 per box (6.38m ²)	50 x 50 cm: 16 per box (4m ²) 75 x 50 cm: 13 per box (4.88m 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) 150 x 20 cm: 17 per box (5.10m 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) 150 x 20 cm: 14 per box (4.20m 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	DIN 51130	R10	R10
	Acoustical impact noise reduction	EN ISO 717-2	19 dB	19 dB
	Residual indentation - typical value	ISO 24343-1	0.12mm	0.11 mm
	Light fastness	ISO 105-B02	≥7	≥7
	VOC emissions	ISO 16000-9	< 10 µg/m ³	< 50 µg/m ³
	Resistance to chemicals	EN-ISO 26787	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% energy from renewable sources	
	Recycled content		Allura Decibel includes recycled content	
	Back to the Floor		Installation off cuts can be collected via our Back to the Floor scheme	
	Allura Decibel meets the requirements of EN 14041		EN 14041 CE 0200861-DoP-010	EN 14041 CE 0200861-DoP-010
	Product code	EN 14041:2004	0200861-DoP-GB010	0200861-DoP-GB010
	Reaction to fire	EN 13501	C _{fl} -s1	C _{fl} -s1
	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	< 2.0 kV	< 2.0 kV

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.

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.

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



BREEAM ratings

Acoustic vinyl (Allura Decibel) – PVC floor covering with a foam layer (EN651). FCSS 33

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	A	A	A+	✓

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