

Technical specifications

Allura decibel meets the requirements of EN-ISO 11638



		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
	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 (5 m ²) 75 x 50 cm: 17 per box (6.38 m ²)	50 x 50 cm: 16 per box (4 m ²) 75 x 50 cm: 13 per box (4.88 m ²) 100 x 100 cm: on request
	Packaging per carton planks	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)	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 19 dB	19 dB
	Residual indentation - typical value	ISO 24343-1 0.12 mm	0.11mm
	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 26987 Good	Good
	Dimension stability (after exp. to heat)	EN-ISO 23999 ≤ 0.05%	≤ 0.05%
	Surface treatment	Overclean EN 14041 CE	Overclean XL EN 14041 CE
	Allura Decibel meets the requirements of EN 14041	0200861-DoP-010	0200861-DoP-010
	Reaction to fire	EN 13501 C _f -s1	C _f -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 < 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.

