

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 noise reduction	EN-ISO 717-2 19dB	19dB
	Residual indentation <i>typical value</i>	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
	Dimension stability (after exp. to heat)	EN-ISO 23999 ≤ 0,05%	≤ 0,05%
	Surface treatment	Overclean	Overclean XL
	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

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.

