



Technical specifications

Allura Puzzle meets the requirements of EN ISO 10582

Allura Puzzle

	Total thickness	EN ISO 24346	5 mm
	Wear layer thickness	EN ISO 24340	0,70 mm
	Wearlayer binder content	EN ISO 10582	Type 1
	Collection size		14
	Domestic use	EN ISO 10874	Class 23
	Commercial use	EN ISO 10874	Class 34
	Light industrial use	EN ISO 10874	Class 43
	Tile size	EN ISO 24342	63x63cm (available early 2027) / 96x96cm Both sizes cannot be combined
	Squareness and straightness	EN ISO 24342	< 400 mm < 0,25 mm / > 400 mm < 0,35 mm
	Total weight	ISO 23997	7900 g/m ²
	Dimensional stability	EN ISO 23999	≤ 0,05%
	Slip resistance (ramp test)	DIN 51130	R10
	Castor chair continuous use	ISO 4918	Pass
	Acoustical impact sound reduction	EN ISO 717-2	7 dB
	In-room walking noise reduction	NF 5 31-074	$L_{Tn,e,w} < 75$ dB, class B
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0,10 mm ~ 0,05 mm
	Colour fastness to light	EN ISO 105-B02 method 3	≥ 6
	Resistance to chemicals	EN ISO 26987	Very good
	Indoor Air Emissions: TVOC after 28 days	EN 16516	≤ 0,04 mg/m ³
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact.	
	Creating better environments		
	Renewable electricity	Allura Puzzle is manufactured using 100% electricity from renewable sources.	
	Recycled content (mass)	EN 17861	47%

Allura Puzzle meets the requirements of EN 14041:2018

	Productcode	EN 14041:2018	0200134-DoP-909
	Productcode	EN 14041:2018	0200134-DoP-GB909
	Reaction to fire	EN 13501-1	B _f -s1,L,CS
	Slip resistance	EN 13893	μ ≥ 0,30
	Thermal conductivity	EN 12524	0,25 W/mK
	Body voltage	EN 1815	≤ 2,0 kV

All Forbo Flooring Systems' manufacturing 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.



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