























Technical specifications

Allura Puzzle meet the requirements of EN ISO 10582 / Allura Flex meet the requirements of EN 651.

		Allura Flex 0.55 / FL5	Allura Flex 1.00 / FL1	Allura Puzzle	
	Total thickness	EN-ISO 24346	4 mm	5 mm	5 mm
	Wear-layer thickness	EN-ISO 24340	0.55 mm	1 mm	0.70 mm
	Domestic use	EN-ISO 10874	23	23	23
	Commercial/ light industrial use	EN-ISO 10874	33 / 42	34 / 42	34 / 43
	Squariness and straightness	EN-ISO 24342	< 400 mm < 0.25 mm / > 400 mm < 0.35 mm	< 400 mm < 0.25 mm / > 400 mm < 0.35 mm	< 400 mm < 0.25 mm / > 400 mm < 0.35 mm
	Tile size	EN-ISO 24342	50 x 50 cm / 100 x 100 cm	50 x 50 cm / 100 x 100 cm	96 cm x 96 cm
	Plank size	EN-ISO 24342w	100 x 20 cm / 120 x 20 cm 150 x 28 cm / HP 120 x 20 cm	100 x 20 cm / 120 x 20 cm 150 x 28 cm / HP 120 x 20 cm	-
	Packaging per carton tiles		3.25 m ² (13 pcs) / 1.0 m ² (1 pce)	2.50 m ² (10 pcs) / 1.0 m ² (1 pce)	-
	Packaging per carton planks		2.60 m ² (13 pcs) / 3.12 m ² (13 pcs) / 3.78 m ² (9 pcs) / 3.00 m ² (15 pcs)	2.00 m ² (10 pcs) / 2.40 m ² (10 pcs) / 2.94 m ² (7 pcs) / 2.40 m ² (12 pcs)	-
	Total weight	EN-ISO 23997	ca. 5200 g/m ²	ca. 6550 g/m ²	ca. 7900 g/m ²
	Wear layer binder content	EN-ISO 10582	Type 1	Type 1	Type 1
	Castor chair continuous use	ISO 4918	Pass	Pass	Pass
	Acoustical impact noise reduction	EN ISO 717-2	13 dB**	14 dB**	7 dB
	Residual indentation <i>Typical value</i>	ISO 24343-1	≤ 0.20 mm ~ 0.11 mm	≤ 0.20 mm ~ 0.11 mm	≤ 0.10 mm ~ 0.05 mm
	Colour fastness to light	ISO 105-B02 method 3	≥ 6	≥ 6	≥ 6
	Resistance to chemicals	EN-ISO 26987	Very good	Very good	Very good
	Dimension stability	EN-ISO 23999	≤ 0.05%	≤ 0.05%	≤ 0.05%
	Indoor Air Emissions: TVOC after 28 days	EN 16516	≤ 0.02 mg/m ³	≤ 0.02 mg/m ³	≤ 0.02 mg/m ³
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact.			
	Creating better environments				
	Renewable electricity	Allura is manufactured using 100% electricity from renewable sources.			
	Recycled content	Allura contains up to 60% recycled content in the backing.			

Allura meets the requirements of EN 14041:2004

	DoP		0200131-DoP-105	0200131-DoP-105	0200134-DoP-909
	Reaction to fire	ISO 9239.1	CRF: 7.3 kW/m ² Smoke: 367%.min	CRF: 6.7 kW/m ² Smoke: 426%.min	CRF: 8.8 kW/m ² Smoke: 251%.min
	Slip resistance	AS/NZS 4586	R10*	R10*	R10*
	Thermal conductivity	EN 12524	0.25 W/mK	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	< 2 kV	< 2 kV	< 2 kV

Recommended adhesives: For the latest installation instructions and recommended adhesives, please visit www.forbo-flooring.com.au/installation.

*Slip test result achieved in an independent laboratory on new sample. On-site testing is variable and may not guarantee the same result.

For sustainable slip a particle based floor must be used.

**L'NT,W acoustic test results are available upon request.

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.



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