



# Technical specifications

Allura Dryback, Allura Click Pro and Allura Puzzle meet the requirements of EN ISO 10582 / Allura Flex® meets the requirements of EN ISO 11638.

		Allura 0.70	Allura 0.55	Allura 0.40	Allura Flex® 1.00	Allura Flex® 0.55	Allura Click Pro	Allura Puzzle
	Total thickness	EN-ISO 24346	2.5 mm	2.2 mm	2.0 mm	5 mm	4 mm	5 mm
	Wear layer thickness	EN-ISO 24340	0.70 mm	0.55 mm	0.40 mm	1 mm	0.55 mm	0.55 mm
	Collection size		87	87	52	79	54	20
	Domestic use	EN-ISO 10874	Class 23	Class 23	Class 23	Class 23	Class 23	Class 23
	Commercial use	EN-ISO 10874	Class 34	Class 33	Class 32	Class 34	Class 33	Class 33
	Light industrial use	EN-ISO 10874	Class 43	Class 42	Class 41	Class 42	Class 42	Class 42
	Squareness 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	< 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
	Total weight	ISO 23997	3600 g/m <sup>2</sup>	3150 g/m <sup>2</sup>	2850 g/m <sup>2</sup>	6300 g/m <sup>2</sup>	5100 g/m <sup>2</sup>	8300 g/m <sup>2</sup>
	Wearlayer binder content	EN-ISO 10582	Type 1	Type 1	Type 1	Type 1	Type 1	Type 1
	Castor chair continuous use	ISO 4918	Pass	Pass	Pass	Pass	Pass	Pass
	Slip resistance (ramp test)	DIN 51130	R10	R10	R10	R10	R10	R10
	Acoustical impact noise reduction	EN-ISO 717-2	6 dB	6 dB	5 dB	14 dB	14 dB	7 dB / 15 dB in combination with Forbo underlay
	Residual indentation Typical value	EN-ISO 24343-1	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.20 mm ~ 0.10 mm	≤ 0.20 mm ~ 0.10 mm	≤ 0.10 mm ~ 0.05 mm
	Colour fastness to light	EN ISO 105-B02 method 3	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
	Resistance to chemicals	EN-ISO 26987	Very good	Very good	Very good	Very good	Very good	Very good
	Dimension stability	EN-ISO 23999	≤ 0.05%	≤ 0.05%	≤ 0.05%	≤ 0.05%	≤ 0.05%	≤ 0.05%
	Indoor Air Emissions: TVOC after 28 days	EN 16516	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.02 mg/m <sup>3</sup>	≤ 0.02 mg/m <sup>3</sup>	≤ 0.02 mg/m <sup>3</sup>
	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 (mass)	24%	21%	13%	33%	35%	51%	50%
	Allura meets the requirements of EN 14041:2004	EN 14041:2004 CE 0200130-DoP-105	EN 14041:2004 CE 0200130-DoP-105	EN 14041:2004 CE 0200130-DoP-105	EN 14041:2004 CE 0200131-DoP-209	EN 14041:2004 CE 0200131-DoP-209	EN 14041:2004 CE 0200132-DoP-105	EN 14041:2004 CE 0200134-DoP-909
	Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1,G,CS	B <sub>fl</sub> -s1,G,CS	B <sub>fl</sub> -s1,G,CS	B <sub>fl</sub> -s1,L,CS	B <sub>fl</sub> -s1,L,CS	B <sub>fl</sub> -s1,L,CS with and without Forbo underlay
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.25 W/mK	0.25 W/mK	0.25 W/mK	0.25 W/mK	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV

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.

