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Technical specifications

Allura Flex meets the requirements of EN ISO 10581

		Allura Flex 1.0	Allura Flex 0.55	
	Total thickness	EN ISO 24346	5.0 mm	4.0 mm
	Thickness of wearlayer		1.00 mm	0.55 mm
	Collection size		46	46
	Commercial use	EN ISO 10874	34 very heavy	33 heavy
	Light industrial use	EN ISO 10874	43 heavy	42 moderate
	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 20 cm / 120 x 20 cm / 150 x 28 cm / HP 120 x 20	100 x 20 cm / 120 x 20 cm / 150 x 28 cm / HP 120 x 20
	Packaging per carton tiles		2.5 m ² (10 pcs) / pallet	3 m ² (12 pcs) / pallet
	Packaging per carton planks		2.0 m ² (10 pcs) / 2.4 m ² (10 pcs) / 2.52 m ² (6 pcs) / 2.4 m ² (12 pcs)	2.8 m ² (14 pcs) / 2.88 m ² (12 pcs) / 4.2 m ² (10 pcs) / 2.8 m ² (14 pcs)
	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
	Total weight	EN ISO 23997	ca. 6.55 kg/m ²	ca. 5.2 kg/m ²
	Wearlayer binder content	EN 651	Class T	Class T
	Dimensional stability (after exp. to heat)	EN ISO 23999	≤ 0.05 %	≤ 0.05 %
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.20 mm - 0.11 mm	≤ 0.20 mm - 0.10 mm
	Acoustical impact noise reduction	EN ISO 717-2	14 dB	14 dB
	Castor chair continuous use	ISO 4918 / EN 425	pass	pass
	Light fastness	ISO 105-B02	≥6	≥6
	Resistance to chemicals	EN ISO 26987	very good	very good
	Slip resistance	DIN 51130	R10	R10
	Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact	
	Creating better environments			
	Renewable electricity		Allura Flex is manufactured using 100% electricity from renewable sources	
Allura Flex meets the requirements of EN 14041				
	Reaction to fire	EN 13501-1	B _f s1, L, NCS	B _f s1, L, NCS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV	≤ 2 kV
	Thermal conductivity	EN 12524	0.25 W/m-K	0.25 W/m-K
	Indoor Air Emissions: TVOC after 28 days	ISO 16516	≤ 110 μg/m ³	≤ 100 μg/m ³
	Content of specific dangerous substances	EN 14041	Compliant, not actively added	Compliant, not actively added



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 (EPDs) which can be found on all of our websites.