

Technical specifications

Allura Flex™ meets the requirements of EN ISO 11638.

		Allura Flex™ 1.00	Allura Flex™ 0.55	
	Total thickness	EN-ISO 24346	5 mm	4 mm
	Wear layer thickness	EN-ISO 24340	1 mm	0.55 mm
	Collection size		79	54
	Domestic use	EN-ISO 10874	Class 23	Class 23
	Commercial use	EN-ISO 10874	Class 34	Class 33
	Light Industrial use	EN-ISO 10874	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
	Total weight	ISO 23997	6300 g/m ²	5100 g/m ²
	Wearlayer binder content	EN-ISO 10582	Type 1	Type 1
	Castor chair continuous use	ISO 4918	Pass	Pass
	Acoustical impact noise reduction	EN-ISO 717-2	14 dB / LnT,w 44* <i>(on 200 mm concrete slab & 100 mm ceiling)</i>	13 dB / LnT,w 42* <i>(on 150 mm concrete slab, 75 mm insulation & 10 mm plaster ceiling)</i>
	Residual indentation Typical value	EN-ISO 24343-1	≤ 0.20 mm ~ 0.10 mm	≤ 0.20 mm ~ 0.10 mm
	Colour fastness to light	EN ISO 105-B02 method 3	≥ 6	≥ 6
	Resistance to chemicals	EN-ISO 26987	Very good	Very good
	Dimension stability	EN-ISO 23999	≤ 0.05%	≤ 0.05%
	Indoor Air Emissions: TVOC at 28 days	EN 16516	≤ 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 (mass)		23%	20%
	Green Rating System		Allura Flex™ is GreenTag GreenRate Level A, Best Environmental Practice (BEP) PVC certified and Declare 3rd party verified. Achieves "Best Practice" Product (RPV ≥ 12) for the Green Star Buildings Responsible Finishes Framework.	
	Social Accountability		Allura is manufactured in a facility certified to SA8000	
	Warranties		10 years or 15 on application with Coral entrance matting system.	
	Allura meets the requirements of EN 14041:2004			
	DoP	EN 14041	0200131-DoP-209	0200131-DoP-209
	Reaction to fire	ISO 9239.1	CRF: > 4.5 kW/m ² , smoke development: < 750%.min	CRF: > 4.5 kW/m ² , smoke development: < 750%.min
	Slip resistance	AS/NZS 4586-2013	R10**	R10**
	Thermal resistance	EN 12524	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	≤ 2.0 kV (antistatic)	≤ 2.0 kV (antistatic)

*LnT,w acoustic test results are available upon request.

**Slip rating results are based on independent laboratory testing on a new sample. On-site testing results can often be highly variable due to site-specific conditions. Forbo cannot be held liable for site conditions and the variability in test results. For sustainable slip resistance in wet environments, a particle-based enhanced safety floor in accordance with EN 13845 should be used.

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

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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