

Technical specifications

Allura meet the requirements of EN-ISO 10582 / Allura Flex meets the requirements of EN 651

		Allura 0.70	Allura Flex	
	Total Thickness	EN - ISO 24346	2.5 mm	5 mm
	Wearlayer thickness	EN - ISO 24340	0.7 mm	1 mm
	Domestic use	EN- ISO 10874	23	23
	Commercial/light industrial use	EN - ISO 10874	34/43	34/42
	Tile size	EN-ISO 24342	50 x 50 cm	50 x 50 cm
	Plank size	EN-ISO 24342	HP 90 x 15 cm / 100 x 15 cm / 120 x 20 cm / 150 x 28 cm / 180 x 32 cm	100 x 20 cm / 120 x 20 cm / HP 120 x 20 cm / 150 x 28 cm
	Packaging per carton tiles		3.0 m ² (12 pcs)	2.5 m ² (10 pcs)
	Packaging per carton planks		3.0 m ² (40 pcs) / 4.5 m ² (40 pcs) / 3.0 m ² (20 pcs) / 2.9 m ² (12 pcs) / 4.2 m ² (10 pcs) / 4.6 m ² (8 pcs)	2.0 m ² (10 pcs) / 2.4 m ² (10 pcs) / 2.4 m ² (12 pcs) / 2.52 m ² (6 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 3600 g/m ²	ca 6550 g/m ²
	Wearlayer binder content	EN-ISO 10582	Type 1	Class T
	Slip resistance	AS 4586:2013	R10 P3*	R10 Plank: P3* Tile: P2*
	Acoustical impact noise reduction	EN ISO 717-2	6 dB	14 dB
	Castor chair continuous use	ISO 9418	Superior	Superior
	Residual indentation Typical value	ISO 24343-1	≤ 0.10 mm ~ 0.04 mm	≤ 0.20 mm ~ 0.11 mm
	Light fastness	ISO 105-B02	≥ 6	≥ 6
	VOC emissions	ISO 16000-9	≤ 100 µg/m ³	≤ 110 µg/m ³
	Resistance to chemicals	EN-ISO 26987	Very good	Very good
	Dimension stability (after exp. to heat)	EN-ISO 23999	≤ 0.05%	≤ 0.05%
Allura meets the requirement of EN 14014				 EN 14041
	Reaction to fire	AS/NZS 9239-1	CRF: 8.3 kW/m ² Smk Dvlp 252%.min	CRF: 6.7 kW/m ² Smk Dvlp 426%.min
	Body Voltage	EN 1815	< 2 kV	< 2 kV
	Thermal Conductivity	EN 12524	0.25 W/mK	0.25 W/mK

*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.

Our recommended adhesive for Allura 0.70 is Forbo Fix 540.

For Allura flex, in most applications Forbo PS1 Tile fix will be sufficient, however in high foot traffic areas, wheeled traffic and areas of high point loading, use Forbo Fix 540.

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.



DOWNLOADS:

Allura brochure
Allura flex tile slip report
Allura flex plank slip report
Allura flex fire report

10 year commercial warranty form
Allura cleaning & maintenance
Allura 0.7 slip report
Allura 0.7 fire report for floors
Allura 0.7 fire report for walls