

Technical specifications

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

			Allura 0.7	Allura Flex
	Total Thickness	EN - ISO 24346	2.5 mm	5 mm
	Wear-layer 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	50 x 15cm / 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
	Wear-layer binder content	EN-ISO 10582	Type 1	Class T
	Slip resistance	AS 4586:2013	R10*	R10*
	Acoustical impact noise reduction	EN ISO 717-2	6 dB	14 dB L'NT,W 44*
	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/m3	≤ 110 µg/m3
	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



	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

*Tested on 200mm concrete slab and 100mm suspended ceiling, test report is available upon request.

*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.

Adhesive recommendations and application

Forbo recommends only using a high grab plasticizer resistant tackifier adhesive such as Forbo's PS1 Tile Fix tackifier (pressure sensitive). Adhesive must be applied according to manufacturer's instructions and it is essential that a full spread of tackifier PS1 Tile Fix adhesive is allowed to dry clear and tacky before laying the floorcovering. Failure to do so can result in a permanent non-release bond and cause the adhesive to seep through joints. In areas of extreme heat and humidity we recommend using a permanent adhesive 540 Eurosafe Special as some tackifiers may reactivate. If alternative adhesives are to be used consult with the supplier for usage information, guidance and warranty. Forbo does not warrant other adhesives.

Downloads

-  ALLURA FLEX FIRE REPORT
-  ALLURA FLEX TILE SLIP REPORT
-  ALLURA FLEX PLANK SLIP REPORT
-  ALLURA FLOOR CARE
-  ALLURA FLEX GREENTAG CERTIFICATE
-  ALLURA 0.70 FLOOR FIRE REPORT
-  ALLURA 0.70 WALL FIRE REPORT
-  ALLURA 0.70 SLIP REPORT
-  ALLURA 0.70 GREENTAG CERTIFICATE

For more information contact your Forbo representative or call 1800 224 471.