

Technical specifications

allura

Allura flex 0.55 meets the requirements of EN 651

	Total thickness	EN-ISO 24346	4.0 mm
	Wear thickness layer	EN-ISO 24340	0.55 mm
	Collection size		40
	Commercial very heavy	EN-ISO 10874	Class 33
	Light industrial general	EN-ISO 10874	Class 42
	Total weight	EN-ISO 23997	ca. 5200 gr/m ²
	Squareness and straightness	EN-ISO 24342	≤ 400 mm: ≤ 0.25 mm ≥ 400 mm: ≤ 0.35 mm
	Tile size	EN-ISO 24342	50 x 50 cm: 3.0 m ² = 12 pcs 75 x 50 cm: 3.75 m ² = 10 pcs 80 x 80 cm: on pallet
	Packaging per carton: tiles		
	Plank size	EN-ISO 24342	100 x 20 cm: 2.8 m ² = 14 pcs 120 x 20 cm: 2.88 m ² = 12 pcs 150 x 28 cm: 4.2 m ² = 10 pcs
	Packaging per carton: planks		
	Abrasion resistance	EN 660-2	Group T
	Slip resistance	DIN 51130	R10
	Impact noise reduction	EN ISO 717-2	14 dB
	Castor chair continuous use	EN 425	No effect
	Residual indentation	EN-ISO 24343-1	≤ 0.10 mm
	Light fastness	ISO 105-B02	≥ 6
	Resistance to chemicals	EN-ISO 26787	Very good
	Dimension stability	EN-ISO 23999	≤ 0.05%
	Heat dissipation	DIN 52614	W1:37 / W10: 230

Allura flex 0.55 meets the requirements of EN 14041

CE
EN 14041

	Reaction to fire	EN 13501-1	B _{fl} -s1
	Slip resistance	EN 13893	DS ≥ 0.3
	Thermal conductivity	EN 12524	0.25 W(m·K)
	Body voltage	EN 1815	< 2.0 kV

BREEAM ratings

Acoustic vinyl (Allura Flex) – PVC floor covering with a foam layer EN651

Building Type	Education	Healthcare	Multi Residential	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
Office						
A	A+	A+	A	A	A+	✓

SAMPLE SERVICE
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All Forbo Flooring Systems' sales organisations and manufacturing sites 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.

Allura is manufactured in a facility certified to SA8000®.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) or local building rating schemes such as BREEAM.