

Technical specifications

Allura Safety meets the requirements of EN-ISO 10582 and EN 13845

	Total thickness	EN-ISO 24346	2.5 mm
	Wear thickness layer	EN-ISO 24340	0.7 mm
	Collection size		16
	Commercial very heavy	EN-ISO 10874	Class 34
	Light industrial general	EN-ISO 10874	Class 43
	Total weight	EN-ISO 23997	ca. 3600 gr/m ²
	Squareness and straightness	EN-ISO 24342	< 400 mm: < 0.25 mm > 400 mm: < 0.35 mm
	Tile size	EN-ISO 24342	48 x 48 cm
	Packaging per carton: tiles	EN-ISO 24342	2.76 m ² = 12 pcs
		EN 13845 Annex C	ESf
		EN 13845 Annex D 50,000 revolutions <10% particle loss	Pass
	Slip resistance	DIN 51130	R10
		TRRL Pendulum - Wet test - slider 96	≥ 36
		Surface roughness Rz	≥ 20
	Impact noise reduction	EN-ISO 717-2	6 dB
	Castor chair continuous use	ISO 4918 / EN 425	Superior
	Residual indentation	EN-ISO 24343-1	≤ 0.04 mm
	Light fastness	ISO 105-B02	≥ 6
	Resistance to chemicals	EN-ISO 26987	Very good
	Dimension stability (after exp. to heat)	EN-ISO 23999	≤ 0.05%
	Heat dissipation	DIN 52614	W1 36 KJ/m ³ / W10 240 KJ/m ³
	Installation method		Random

Allura Safety meets the requirements of 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 Safety – PVC floor covering with enhanced slip resistance (EN 13845)

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

SAMPLE SERVICE
0800 731 2369
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Our recommended adhesives for Allura Safety are 540 Eurosafe Special and 646 Eurostar premium (low VOC emissions).

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.

