

# Technical specifications

Allura flex 0.55 meets the requirements of EN 651



	Total thickness	EN-ISO 24346	4.0 mm
	Thickness of wearlayer	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
	Tile size	EN-ISO 24342	50 x 50 cm 75 x 50 cm 80 x 80 cm
	Plank size	EN-ISO 24342	100 x 20 cm 120 x 20 cm 150 x 28 cm
	Squareness and straightness	EN-ISO 24342	≤ 400 mm: ≤ 0.25 mm ≥ 400 mm: ≤ 0.35 mm
	Total weight	EN-ISO 23997	ca. 5200 gr/m <sup>2</sup>
	Packaging per carton: tiles		50 x 50 cm: 3 m <sup>2</sup> = 12 pcs 75 x 50 cm: 3.75 m <sup>2</sup> = 10 pcs 80 x 80 cm: 1.60 m <sup>2</sup> = 250 pcs/pallet
	Packaging per carton: planks		100 x 20 cm: 2.8 m <sup>2</sup> = 14 pcs 120 x 20 cm: 2.88 m <sup>2</sup> = 12 pcs 150 x 28 cm: 4.2m <sup>2</sup> = 10 pcs
	Abrasion resistance	EN 660-2	Group T
	Slip resistance	DIN 51130	R10
	Acoustical impact noise reduction	EN ISO 717-2	14 dB
	Castor chair continuous use	EN 425	No effect
	Indentation-residual	EN-ISO 24343-1	≤ 0.10 mm
	Light fastness	EN-ISO 105-B02	≥ 6
	Resistance to chemicals	EN-ISO 26987	Very good
	Dimensional stability	EN-ISO 23999	≤ 0.05%
	Heat dissipation	DIN 52614	W1:37 / W10: 230
	Allura flex 0.55 meets the requirements of EN 14041		
	Reaction to fire	EN 13501-1	B <sub>fl</sub> s1
	Slipresistance	EN 13893	DS: ≥ 0.3
	Thermal conductivity	EN 12524	0.25 W (m.K)
	Body voltage	EN 1815	< 2.0 kV

EN 14041  
CE  
0200131-45045007



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.