

# Technical specifications

Allura Puzzle meets the requirements of EN ISO 10582.



Allura Puzzle		
	Total thickness	EN-ISO 24346 5 mm
	Wear layer thickness	EN-ISO 24340 0.70 mm
	Collection size	12
	Domestic use	EN-ISO 10874 Class 23
	Commercial use	EN-ISO 10874 Class 34
	Light industrial use	EN-ISO 10874 Class 43
	Squareness and straightness	EN-ISO 24342 < 400 mm < 0.25 mm / > 400 mm < 0.35 mm
	Total weight	ISO 23997 7900 g/m <sup>2</sup>
	Wearlayer binder content	EN-ISO 10582 Type 1
	Castor chair continuous use	ISO 4918 Pass
	Slip resistance (ramp test)	DIN 51130 R10
	Acoustical impact noise reduction	EN-ISO 717-2 7 dB
	Residual indentation <i>Typical value</i>	EN-ISO 24343-1 ≤ 0.10 mm ~ 0.05 mm
	Colour fastness to light	EN ISO 105-B02 method 3 ≥ 6
	Resistance to chemicals	EN-ISO 26987 Very good
	Dimension stability	EN-ISO 23999 ≤ 0.05%
	Indoor Air Emissions: TVOC after 28 days	EN 16516 ≤ 0.02 mg/m <sup>3</sup>
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact.
	Creating better environments	
	Renewable electricity	Allura is manufactured using 100% electricity from renewable sources.
	Recycled content (mass)	30%
		EN 14041:2004 <b>CE</b> 0200134-DoP-909
Allura meets the requirements of EN 14041:2004		
	Reaction to fire	EN 13501-1 B <sub>s1</sub> -s1,L,CS
	Slip resistance	EN 13893 μ ≥ 0.30
	Thermal conductivity	EN 12524 0.25 W/mK
	Body voltage	EN 1815 ≤ 2.0 kV

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.

