



Technical specifications

		Marmoleum 2.5 mm Walton/ Concrete/ Cocoa/ Piano	Marmoleum Decibel Walton/ Concrete/ Cocoa/ Piano
	Meets the requirements of	EN ISO 24011	EN 686
	Total thickness	EN ISO 24346 2.5 mm	3.5 mm
	Surface finish	Topshield pro	Topshield pro
	Collection size	72	72
	Domestic use	EN ISO 10874 Class 23	Class 23
	Commercial use	EN ISO 10874 Class 34	Class 33
	Light industrial use	EN ISO 10874 Class 43	Class 41
	Roll width	EN ISO 24341 2.0 m	1.95 m / 2.0 m
	Roll length	EN ISO 24341 ≤ 33 m ¹	≤ 33 m ¹
	Total weight	EN ISO 23997 2900 g/m ²	3100 g/m ²
	Slip resistance (ramp test)	EN 16165 Annex B R9	R9
	Castor chair continuous use	ISO 4918 Pass	Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1 ≤ 0.15 mm ~ 0.08 mm	≤ 0.30 mm ~ 0.20 mm
	Colour fastness to light	EN ISO 105-B02 method 3 ≥ 6	≥ 6
	Indoor air emissions: TVOC after 28 days	EN 16516 ≤ 0,01 mg/m ³	≤ 0,05 mg/m ³
	Bacteriostatic properties*	Marmoleum has natural bacteriostatic properties which are confirmed by independent laboratories, even against MRSA bacteria.	
	Resistance to chemicals	EN ISO 26987 Resistant to diluted acids, oils, fats and conventional solvents. Not resistant to prolonged exposure to alkalis.	
	Cigarette resistance	EN 1399 There is no melting of the surface by cigarettes. Marks left on Marmoleum as a result of stubbed-out cigarettes can be removed.	
	Flexibility	EN-ISO 24344 ø 40 mm	ø 40 mm
	Acoustical impact noise reduction	EN ISO 717-2 ≤ 5 dB	≥ 18 dB
	Creating better environments	Life Cycle Assessment is the foundation for securing the lowest environmental impact. Marmoleum is climate positive cradle to gate**	
	Natural materials	Marmoleum is a bio-based floor made with up to 98 % natural ingredients (e.g. linseed oil, rosin, wood flour, jute and cocoa husks). Marmoleum contains PEFC certified wood flour. Marmoleum is free of PVC, PET, synthetic rubber and plasticizers.	
	Recycled content	Marmoleum contains ingredients derived from recycled sources, which are a combination of post-industrial, post-installation and post-consumer streams of both flooring and non-flooring Marmoleum products. Marmoleum sheet installation off-cuts and post-consumer used flooring are recyclable.	
	Health and safety	Marmoleum is REACH compliant to assure human safety and health.	
	Renewable electricity	Marmoleum is manufactured using 100% electricity from renewable sources.	
	Green building certifications	Application of Marmoleum sheet can help maximise contribution in green building certifications e.g. LEED, BREEAM, DGNB and WELL.	
	Application for underfloor heating	yes	
	Meets the requirements of	EN 14041:2004	EN 14041:2004
	DoP	0100201-DoP-107	0100207-DoP-107
	Reaction to fire	EN 13501-1 C _{fl} -s1,G,CS	C _{fl} -s1,G,NCS
	Slip resistance	EN 13893 μ ≥ 0.30	μ ≥ 0.30
	Thermal conductivity	EN 12524 0.17 W/mK	0.17 W/mK
	Body voltage	EN 1815 ≤ 2.0 kV	≤ 2.0 kV

* Marmoleum sheet can be installed net fit, or with a welding rod in the seam. Both are proven hygienic solutions.

** For details, please consult the EPD for Marmoleum 4790859342.101.2

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.

