



## Technical specifications

### Marmoleum Modular

	Meets the requirements of	EN-ISO 24011
	Total thickness	EN ISO 24346 2.5 mm
	Surface finish	Topshield pro
	Collection size	30
	Domestic use	EN ISO 10874 Class 23
	Commercial use	EN ISO 10874 Class 34
	Light industrial use	EN ISO 10874 Class 43
	Dimensions (length x width)	EN ISO 24342 50 x 50 cm/ 100 x 25 cm
	Squareness and straightness	EN ISO 24342 < 400 mm < 0.25 mm > 400 mm < 0.35 mm
	Total weight	EN ISO 23997 3100 g/m <sup>2</sup>
	Slip resistance (ramp test)	DIN EN 16165 Annex B R9
	Castor chair continuous use	ISO 4918 Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1 ≤ 0.15 mm ~ 0.05 mm
	Colour fastness to light	EN ISO 105-B02 method 3 ≥ 6
	Indoor air emissions: TVOC after 28 days	EN 16516 ≤ 0,01 mg/m <sup>3</sup>
	Bacteriostatic properties	Marmoleum has natural bacteriostatic properties which are confirmed by independent laboratories, even against the bacteria MRSA.
	Resistance to chemicals	EN ISO 26987 Resistant to diluted acids, oils, fats and to the 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.
	Acoustical impact noise reduction	EN ISO 717-2 ≤ 5 dB
	LCA	LCA is the foundation for securing the lowest environmental impact*.
	Natural materials	Marmoleum Modular is a bio-based floor made with up to 92 % natural ingredients (e.g. linseed oil, rosin and wood flour). Marmoleum contains PEFC certified wood flour.
		Marmoleum Modular is free of PVC and plasticizers.
	Recycled content	Marmoleum contains ingredients derived from recycled sources, which are a combination of post-industrial, post-installation and post-consumer streams for both flooring and non-flooring Marmoleum products.
	Health and safety	Marmoleum is REACH compliant to assure human safety and health.
	Renewable electricity	Marmoleum is manufactured using 100% electricity from renewable sources.
	Application for underfloor heating	yes

CE  
EN 140141

Marmoleum meets the requirements of EN 14041:2004

	Product code	EN 14041:2004 0100203-DOP-101
	Reaction to fire	EN 13501-1 C <sub>fl</sub> -s1,G,CS
	Slip resistance	EN 13893 μ ≥ 0.30
	Thermal conductivity	EN 12524 0.17 W/mK
	Body voltage	EN 1815 ≤ 2.0 kV

\* For details, please consult the EPD for Marmoleum Modular 4790690881.102.1.

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.

Marmoleum is manufactured at an SA8000®-certified organisation.

