

# Technical specifications

Marmoleum Modular meets the requirements of EN-ISO 24011

		Marmoleum Modular lines, shade, marbled and colour	Marmoleum Modular textura and slate
	Total thickness	EN-ISO 24346	2.5 mm
	Domestic: heavy	EN-ISO 10874	Class 23
	Commercial: very heavy	EN-ISO 10874	Class 34
	Light Industrial: heavy	EN-ISO 10874	Class 43
	Dimensions (length x width)	EN-ISO 24342	50 x 25 cm / 50 x 50 cm / 100 x 25 cm
	Squareness and straightness	EN-ISO 24342	< 0.35 mm
	Residual indentation <i>Typical value</i>	EN-ISO 24343-1	≤ 0.15 mm ~ 0.05
	Castor chair continuous use	EN 425 / ISO 4918	Pass
	Colour fastness to light	EN-ISO 105-B02 method 3	6
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to conventional solvents. Not resistant to prolonged exposure to alkalis
	Bacteriostatic properties		Marmoleum has natural bacteriostatic properties, which are confirmed by independent laboratories, even against the bacteria MRSA
	Cigarette resistance	EN 1399	Marks left on linoleum as a result of stubbed-out cigarettes can be removed
	Slip resistance	DIN 51130	R9 R10
	Acoustical impact sound reduction	EN ISO 717-2	≤ 5 dB
	Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact
	<b>Creating better environments</b>		
	renewable electricity		Marmoleum is manufactured using 100% electricity from renewable sources.
	natural materials (e.g. linseed oil, rosin, wood flour, limestone)		Marmoleum contains PEFC certified wood flour.
	recycled content		Marmoleum contains recycled content.
	Application on underfloor heating		yes
	Marmoleum meets the requirements of EN 14041: 2004		EN 14041 <b>CE</b> 0100201-DoP-101
	Reaction to fire	EN 13501-1	C <sub>s</sub> -s1, G, CS
	Slip resistance	EN 13893	μ ≥ 0.30
	Body voltage	EN 1815	< 2.0 kV
	Thermal conductivity	EN-ISO 10456	0.17 W/m-K
	Indoor Air Emissions: TVOC at 28 days	EN 16516	≤ 0,01 mg/m <sup>3</sup>
	Content of specific dangerous substances	EN 14041	Compliant, not actively added.

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.

