

# Technical specifications

Marmoleum Striato meets the requirements of EN ISO 24011  
Marmoleum Striato Decibel meets the requirements of EN 686



		Marmoleum Striato	Marmoleum Striato Decibel	
	Total thickness	EN ISO 24346	2.5 mm	3.5 mm
	Surface finish		Topshield <sup>2</sup>	Topshield <sup>2</sup>
	Collection size		16	On request
	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	≤ 33 m
	Total weight	EN ISO 23997	2900 g/m <sup>2</sup>	3100 g/m <sup>2</sup>
	Slip resistance (ramp test)	DIN 51130	R9	R9
	Castor chair continuous use	ISO 4918/EN 425	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	≤ 0.05 mg/m <sup>3</sup>	≤ 0.05 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.	
	Flexibility	EN ISO 24344	ø 40 mm	ø 40 mm
	Acoustical impact noise reduction	EN ISO 717-2	-	18 dB
	<b>Creating Better Environments</b>			
	Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact	
	CO <sub>2</sub> neutral		Marmoleum is produced CO <sub>2</sub> neutral (cradle to gate)**	
	Renewable electricity		Marmoleum is manufactured using 100% electricity from renewable sources	
	Natural materials (e.g. linseed oil, jute, tree resin, wood flour, limestone)		Marmoleum and Marmoleum Decibel are made of 94-98% natural materials	
			Marmoleum contains PEFC certified wood flour	
			Marmoleum and Marmoleum Decibel are free of PVC, PET, synthetic rubber and plasticizers	
			Marmoleum is REACH compliant	
	Recycled content		Marmoleum contains recycled content	
	Application for underfloor heating		yes	yes
	Marmoleum meets the requirements of EN 14041:2004			
	DoP		0100201-DoP-306	0100207-DoP-306
	Reaction to fire	EN 13501-1	C <sub>n</sub> -s1, G, CS	C <sub>n</sub> -s1, G, CS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.17 W/m·K	0.17 W/m·K
	Body voltage	EN 1815	≤ 2.0 kV	≤ 2.0 kV

\* Marmoleum sheet can be installed nett fit, or with a welding rod in the seam. Both are proven hygienic solutions.  
\*\* For verification and details please consult our Marmoleum EPD.

**Recommended adhesives:** For the latest installation instructions and recommended adhesives please visit [www.forbo-flooring.co.uk/installation](http://www.forbo-flooring.co.uk/installation)

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 in a facility certified to SA8000 and OHSAS 18001.



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**SAMPLE SERVICE**  
**0800 731 2369**  
samples.uk@forbo.com

**forbo BIM**  
REVIT | ARCHICAD

For more information:

e: [info.flooring.uk@forbo.com](mailto:info.flooring.uk@forbo.com)

t: **0800 121 4780**

w: [forbo-flooring.co.uk/marmoleum](http://forbo-flooring.co.uk/marmoleum)

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