

Technical specifications

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



		Marmoleum Solid sheet Walton, Concrete, Piano, Cocoa, Slate	Marmoleum Decibel Walton, Concrete, Piano, Cocoa, Slate
	Total thickness	EN-ISO 24346 2.5 mm	3.5 mm
	Surface finish	Topshield ²	Topshield ²
	Domestic use	EN-ISO 10874 Class 23	Class 23
	Commercial use	EN-ISO 10874 Class 32	Class 33
	Light Industrial use	EN-ISO 10874 Class 43	Class 41
	Roll width	EN-ISO 24341 2.00 m	1.90 / 2.00 m
	Collection size	78 colours	13 colours
	Roll length	EN-ISO 24341 ≤ 33 m	≤ 33 m
	Residual indentation <i>Typical value</i>	EN-ISO 24343-1 ≤ 0.15 mm ~0.08 mm	≤ 0.15 mm ~0.20 mm
	Castor chair continuous use	ISO 4918/ EN 425	Suitable for office chairs with castors
	Light fastness	EN-ISO 105-B02	Method: 3 blue scale minimum 6.
	Flexibility	EN-ISO 24344 ø 40 mm	ø 40 mm
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to the 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	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 sound reduction	EN-ISO 717-2 ≤ 5 dB	≤ 18 dB Marmoleum with polyolefine foam backing. All non-stocked items available as made to order.
	Indoor Air Emissions: TVOC at 28 days	EN 16516 < 0,05 mg/m ³	< 0,05 mg/m ³
	Life Cycle Assessment**	LCA is the foundation for securing the lowest environmental impact.	
	Creating better environments		
	CO ₂ neutral	Marmoleum 2.5 mm are produced CO2 neutral.**	
	renewable electricity	Marmoleum is manufactured using 100% electricity from renewable sources.	
	natural materials (e.g. linseed oil, jute, tree resin, wood flour, limestone)	Marmoleum is made of 94-98% natural materials. Marmoleum contains PEFC certified wood flour.	
	recycled content	Marmoleum is free of PVC, PET, synthetic rubber and plasticizers. Marmoleum contains recycled content.	
	Application on underfloor heating	yes	yes
Marmoleum meet the requirements of EN 14041			
	Product code	EN 14041 0100201-DoP-306	0100201-DoP-306
	Reaction to fire	ISO 9239-1 CRF 9.2 kW/m ² Smoke Dvlp 78%.min	CRF 5.1 kW/m ² Smoke Dvlp 338%.min
	Slip resistance	AS 4586:2013 R10 P2*	R10 P2*
	Body voltage	EN 1815 ≤ 2 kV	≤ 2 kV
	Thermal conductivity	EN 12524 0.17 W/m·K	0.17 W/m·K

* 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.

* Slip test result achieved in an independent laboratory on new sample. On-site testing is variable and may not guarantee the same result. For sustainable slip a particle based floor must be used.

Marmoleum 2.5mm, Forbo recommends using 414 Euroflex lino plus and for Marmoleum decibel use 540 Eurosafe special.

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.



DOWNLOADS:

Marmoleum | slip report | AS 4586

Marmoleum warranty pack

Marmoleum 2.5mm | fire report | AS 9239-1

Marmoleum cleaning & maintenance

Marmoleum 2.5mm | fire report (walls) AS 3837

Marmoleum sheet installation guide

All other documents can be found by clicking on the following link: [Download centre](#)

