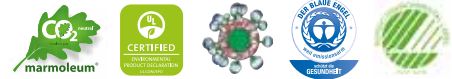


Technical specifications

Marmoleum Solid 2.5 sheet meets the requirements of EN-ISO 24011
Marmoleum Decibel sheet meets the requirements of EN 686



		Marmoleum sheet Walton, Concrete, Piano, Cocoa, Slate	Marmoleum Decibel sheet Walton, Concrete, Piano, Cocoa, Slate
	Total thickness	EN-ISO 24346 2.5 mm	3.5 mm
	Surface finish	Topshield Pro	Topshield Pro
	Domestic use	EN-ISO 10874 Class 23, heavy	Class 23, heavy
	Commercial use	EN-ISO 10874 Class 34, very heavy	Class 33, heavy
	Light industrial use	EN-ISO 10874 Class 43, heavy	Class 41, moderate
	Collection size	78 colours	13 colours
	Roll width	EN-ISO 24341 2.00 m	2.00 m (made to order items 1.90 m)
	Roll length	EN-ISO 24341 ≤ 33 lm	≤ 33 lm
	Total weight typical value	EN-ISO 23997 2900 g/m ²	3100 g/m ²
	Residual indentation Typical value	EN-ISO 24343-1 ≤ 0.15 mm ~0.08 mm	≤ 0.30 mm ~0.20 mm
	Castor chair continuous use	ISO 4918/EN 425 Suitable for office chairs with castors	Suitable for office chairs with castors
	Light fastness	EN-ISO 105-B02 Method: 3 blue scale > 6	Method: 3 blue scale > 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	
	Slip resistance	DIN 51130 R9 Slate R10	R9 Slate R10
	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 after 28 days	EN ISO 16000-9 < 50 µg/m ³	< 50 µg/m ³
	Life Cycle Assessment**	LCA is the foundation for securing the lowest environmental impact	
	Creating Better Environments		
	CO ₂ neutral	Marmoleum sheet is produced CO ₂ neutral	
	renewable electricity	Marmoleum sheet 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 on average of 97% natural raw materials Marmoleum contains PEFC certified wood flour Marmoleum Cocoa additionally contains natural cocoa shells, an upcycled production residue of regional Dutch cocoa production Marmoleum and Marmoleum Decibel are free of PVC, PET, synthetic rubber and plasticizers Marmoleum is REACH compliant	
	recycled content	Marmoleum contains recycled content	
	Back to the Floor	Marmoleum and Marmoleum Decibel installation cut-offs can be collected and recycled via Back to the Floor	
	Application on underfloor heating (up to 27 degrees celcius)	yes	yes
Marmoleum sheet, Marmoleum Decibel meet the requirements of EN 14041			
	Product code	EN 14041 0100201_DoP_306	0100207_DoP_306
	Reaction to fire	EN 13501-1 C _{fl} -s1	C _{fl} -s1
	Slip resistance	EN 13893 μ ≥ 0.30	μ ≥ 0.30
	Body voltage	EN 1815 ≤ 2 kV	≤ 2 kV
	Thermal resistance	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.
** Application of Marmoleum sheet can help maximize contribution in the project/building for LEED qualification.

Recommended adhesives: For the latest installation instructions and recommended adhesives please visit 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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