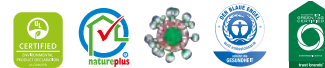


Technical specifications

Marmoleum sheet meets the requirements of EN-ISO 24011

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		Marmoleum sheet Marbled (real, fresco, vivace)	Marmoleum Decibel	Marmoleum Acoustic
	Total thickness	EN-ISO 24346 2.5 mm	3.5 mm	4.0 mm
	Surface finish			
	Domestic use	EN-ISO 10874	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, general
	Roll width	EN-ISO 24341	2.00 m	
	Roll length	EN-ISO 24341	≤ 32 m	
	Residual indentation Typical value	EN-ISO 24343-1 ≤ 0.15 mm ~0.08 mm	≤ 0.15 mm ~0.20 mm	≤ 0.15 mm ~0.25 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 > 6	
	Flexibility	EN-ISO 24344	ø 40 mm	ø 60 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	17 dB
	Indoor Air Emissions: TVOC at 28 days	EN ISO 16000-9	< 50 µg/m ³	
	Life Cycle Assessment**	LCA is the foundation for securing the lowest environmental impact.		
	Creating better environments			
		Marmoleum is produced CO ₂ neutral.		
	renewable electricity	Marmoleum is manufactured using 100% electricity from renewable sources.		
		Marmoleum is made of 94-98% natural materials.		
	natural materials (e.g. linseed oil, jute, tree resin, wood flour, limestone)	Marmoleum contains PEFC certified wood flour.		
		Marmoleum is free of PVC, PET, synthetic rubber and plasticizers.		
		Marmoleum is REACH compliant.		
	recycled content	Marmoleum contains recycled content.		
	Application on underfloor heating	yes		

Marmoleum meet the requirements of EN 14041

CE
EN 14041

	Product code	EN 14041	0100201-DoP-306	
	Reaction to fire	ISO 9239-1	9.2kW/m ² <78%.min	5.1kW/m ² 418%.min
	Slip resistance	AS 4586	R10 - P2	
	Body voltage	EN 1815	≤ 2 kV	
	Thermal conductivity	EN 12524	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
Our recommended adhesive for Marmoleum is 414 Forbo Fix.

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 magazine	Marmoleum decibel fire report ISO 9239-1
Marmoleum slip report AS 4586	Marmoleum acoustic fire report ISO 9239-1
Marmoleum marbled fire report AS 9239-1	Marmoleum VOC test report
Marmoleum marbled fire report (walls) AS 3837	Marmoleum FAQ
Marmoleum cleaning & maintenance	10 Year Commercial Warranty form