Technical specifications

Marmoleum Marbled *(Real, Fresco, Vivace , Splash, Terra)* | Marmoleum Solid *(Cocoa, Walton, Piano, Concrete, slate)* and Marmoleum Linear *(Striato)* meets the requirements of EN-ISO 24011
Marmoleum Acoustic meets the requirements of EN 687
Marmoleum Decibel meets the requirements of EN 686

		Marmoleum Marbled/ Solid/Linear 2.5mm	Marmoleum Real/Fresco 3.2mm	Marmoleum Decibel	Marmoleum Acoustic
Total thickness	EN-ISO 24346	2.5 mm	3.2 mm	3.5 mm	4.0 mm
Surface finish		Topshield²	Topshield²	Topshield²	Topshield²
Domestic use	EN-ISO 10874	Class 23	Class 23	Class 23	Class 23
Commercial use	EN-ISO 10874	Class 34	Class 34	Class 33	Class 33
Light Industrial use	EN-ISO 10874	Class 43	Class 43	Class 41	Class 41
Roll width	EN-ISO 24341	2.00 m	2.00 m	1.90 / 2.00 m	2.00 m
Roll length	EN-ISO 24341	≤ 33 m	≤ 33 m	≤ 33 m	≤ 33 m
Total weight *Typical value*	EN-ISO 24343-1	2900 g/m²	3900 g/m²	3100 g/m²	4000 g/m²
Residual indentation *Typical value*	EN-ISO 24343-1	≤ 0.15 mm *~0.08 mm*	≤ 0.15 mm *~0.10 mm*	≤ 0.30 mm *~0.20 mm*	≤ 0.40 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 minimum 6.			
Flexibility	EN-ISO 24344	ø 40 mm	ø 50 mm	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	≤ 6 dB	≤ 18 dB	≤ 14 dB
Indoor Air Emissions: TVOC at 28 days	EN 16516	< 0,05 mg/m³	< 0,05 mg/m³	< 0,05 mg/m³	< 0,05 mg/m³
Marmoleum Ohmex 2.5 mm is available in different colours:		Electrical resistance 1 x $10^6\Omega$ < R1 < 1 x $10^9\Omega$ *(static dissipative)* tested in accordance with EN 1081			
Creating better environments					
Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact.			
CO_2 neutral		Marmoleum 2.5 mm are produced CO_2 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 is made of 94-98% natural materials.			
		Marmoleum contains PEFC certified wood flour.			
		Marmoleum is free of PVC, PET, synthetic rubber and plasticizers.			
recycled content		Marmoleum contains recycled content.			
Application on underfloor heating		yes	yes	yes	yes

Marmoleum meet the requirements of EN 14041

Product code	EN 14041	0100201-DoP-306	0100201-DoP-306	0100201-DoP-306	0100201-DoP-306
Reaction to fire	ISO 9239-1	CRF 9.2 kW/m² Smoke Dvlp 78%.min	CRF 5.6 kW/m² Smoke Dvlp 330%.min	CRF 5.1 kW/m² Smoke Dvlp 338%.min	CRF 6.8 kW/m² Smoke Dvlp 380%.min
Slip resistance	AS 4586:2013	R10	R10	R10	R10
Body voltage	EN 1815	≤ 2 kV	≤ 2 kV	≤ 2 kV	≤ 2 kV

* Marmoleum sheet can be installed nett fit, or with a welding rod in the seam. Both are proven hygienic solutions. For further information, visit www.forbo-flooring.com.au/installation.
** For verification and details please consult our Marmoleum EPD.
Marmoleum 2.5mm and Acoustic, Forbo recommends using 414 Euroflex lino plus or 614 Eurostar 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 FLOOR FIRE REPORT
- MARMOLEUM SLIP REPORT
- MARMOLEUM INSTALLATION GUIDE
- MARMOLEUM CLEANING GUIDE

For more information contact your Forbo representative or call 1800 224 471.

creating better environments

FLOORING SYSTEMS