Technical specificationsMarmoleum Marbled (*Real, Fresco, Vivace, Splash, Terra*) | Marmoleum Solid (*Cocoa, Walton, Piano, Concrete, slate*)



Marmoleum

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Marmoleum Marbled (*Real, Fresco, Vivace, Splash, Terral*) 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			
×	Total thickness	EN-ISO 24346	2.5 mm	3.2 mm	3.5 mm	4.0 mm
	Surface finish		Topshield ²	Topshield ²	Topshield ²	Topshield ²
m)	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
ñ	Light Industrial use	EN-ISO 10874	Class 43	Class 43	Class 41	Class 41
3	Roll width	EN-ISO 24341	2.00 m	2.00 m	1.90 / 2.00 m	2.00 m
3	Roll length	EN-ISO 24341	≤ 33 m	≤ 33 m	≤ 33 m	≤ 33 m
٤	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
7	Castor chair continuous use	ISO 4918/ EN 425	Suitable for office chairs with castors			
H	Light fastness	EN-ISO 105-B02	Method: 3 blue scale minimum 6.			
2	Flexibility	EN-ISO 24344	ø 40 mm	ø 50 mm	ø 40 mm	ø 60 mm
Э	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acid	s, oils, fats and to the convention	al solvents. Not resistant to prolo	nged exposure to alkalis.
7	Bacteriostatic properties* Marmoleum has natural bacteriostatic properties which are confirmed by independent laboratories, even against the bacteriostatic					
_	Cigarette resistance	EN 1399	There is no melting of the surfa	aca by cigarottos Marks loft on M	larmoloum as a result of stubbed	
7	Cigarette resistance	LIV 1333	mere is no merang or the same	ace by cigarettes. Marks left of iv	iaimoleum as a result of stubbeu-	out cigarettes can be remov
	Acoustical impact sound reduction	EN-ISO 717-2	≤ 5 dB	≤ 6 dB	≤ 18 dB	out digarettes can be remov ≤ 14 dB
	Acoustical impact sound					
D 2	Acoustical impact sound reduction Indoor Air Emissions:	EN-ISO 717-2 EN 16516	≤ 5 dB < 0,05 mg/m³	≤ 6 dB < 0,05 mg/m³	≤ 18 dB	≤ 14 dB < 0,05 mg/m³
D Z	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm	EN-ISO 717-2 EN 16516	≤ 5 dB < 0,05 mg/m³	≤ 6 dB < 0,05 mg/m³	≤ 18 dB < 0,05 mg/m³	≤ 14 dB < 0,05 mg/m³
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours	EN-ISO 717-2 EN 16516	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m ³ since 1 x 10° Ω < R1 < 1 x 10° Ω (ste	≤ 18 dB < 0,05 mg/m³	≤ 14 dB < 0,05 mg/m³ ce with EN 1081
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen	EN-ISO 717-2 EN 16516	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m³ ance 1 x 10° Ω < R1 < 1 x 10° Ω (ste	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan	≤ 14 dB < 0,05 mg/m³ ce with EN 1081
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment	EN-ISO 717-2 EN 16516	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m ³ ance 1 x 10 ⁶ Ω < R1 < 1 x 10 ⁹ Ω (stated in the foundation for securing Marmoleum 2.5 mm are produced)	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan	≤ 14 dB < 0,05 mg/m³ ce with EN 1081
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment CO2 neutral	EN-ISO 717-2 EN 16516	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m ³ ance 1 x 10° Ω < R1 < 1 x 10° Ω (sto	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan g the lowest environmental impacted CO₂ neutral (Cradle to gate).**	≤ 14 dB < 0,05 mg/m³ ce with EN 1081
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment CO2 neutral renewable electricity natural materials (e.g. l	EN-ISO 717-2 EN 16516 S: ts	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m ³ ance 1 x 10° Ω < R1 < 1 x 10° Ω (state of the foundation for securing Marmoleum 2.5 mm are production for the foundation for securing Marmoleum is manufactured using 10 Marmoleum is made of	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan g the lowest environmental impacted CO₂ neutral (Cradle to gate).**	≤ 14 dB < 0,05 mg/m³ ce with EN 1081
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment CO2 neutral renewable electricity	EN-ISO 717-2 EN 16516 S: ts	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m ³ ance 1 x 10 $^{6}\Omega$ < R1 < 1 x 10 $^{9}\Omega$ (stopment of the foundation for securing Marmoleum 2.5 mm are productional moleum is manufactured using 10 Marmoleum is made of Marmoleum contains P	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordang g the lowest environmental impacted CO₂ neutral (Cradle to gate).** 200% electricity from renewable so 24-98% natural materials.	≤ 14 dB < 0,05 mg/m³ ce with EN 1081
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment CO2 neutral renewable electricity natural materials (e.g. l	EN-ISO 717-2 EN 16516 S: ts	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m³ ance 1 x 10° Ω < R1 < 1 x 10° Ω (stated to the foundation for securing Marmoleum 2.5 mm are product to the foundation is manufactured using 10 Marmoleum is made of Marmoleum contains P Marmoleum to free of PVC, PET,	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan g the lowest environmental impacted CO₂ neutral (Cradle to gate).** 20% electricity from renewable son 94-98% natural materials. EFC certified wood flour.	≤ 14 dB < 0,05 mg/m³ ce with EN 1081
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment CO2 neutral renewable electricity natural materials (e.g. I tree resin, wood flour, I	EN-ISO 717-2 EN 16516 s: ts	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m³ ance 1 x 10° Ω < R1 < 1 x 10° Ω (stated to the foundation for securing Marmoleum 2.5 mm are product to the foundation is manufactured using 10 Marmoleum is made of Marmoleum contains P Marmoleum to free of PVC, PET,	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan g the lowest environmental impacted CO₂ neutral (Cradle to gate).** 20% electricity from renewable so 94-98% natural materials. EFC certified wood flour. synthetic rubber and plasticizers.	≤ 14 dB < 0,05 mg/m³ ce with EN 1081
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment CO2 neutral renewable electricity natural materials (e.g. I tree resin, wood flour, I recycled content Application on underfloor hea	EN-ISO 717-2 EN 16516 S: tts inseed oil, jute, imestone)	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m³ ance 1 x 10 $^{6}\Omega$ < R1 < 1 x 10 $^{9}\Omega$ (stated in the foundation for securing Marmoleum 2.5 mm are product noleum is manufactured using 10 Marmoleum contains P Marmoleum is free of PVC, PET, Marmoleum contains	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan g the lowest environmental impace ed CO₂ neutral (Cradle to gate).** 20% electricity from renewable so 94-98% natural materials. EFC certified wood flour. synthetic rubber and plasticizers. ins recycled content.	≤ 14 dB < 0,05 mg/m³ ce with EN 1081 t. urces.
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment CO2 neutral renewable electricity natural materials (e.g. I tree resin, wood flour, I	EN-ISO 717-2 EN 16516 S: tts inseed oil, jute, imestone)	≤ 5 dB < 0,05 mg/m³ Electrical resista	\leq 6 dB $<$ 0,05 mg/m³ ance 1 x 10 $^{6}\Omega$ < R1 < 1 x 10 $^{9}\Omega$ (stated in the foundation for securing Marmoleum 2.5 mm are product noleum is manufactured using 10 Marmoleum contains P Marmoleum is free of PVC, PET, Marmoleum contains	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan g the lowest environmental impace ed CO₂ neutral (Cradle to gate).** 20% electricity from renewable so 94-98% natural materials. EFC certified wood flour. synthetic rubber and plasticizers. ins recycled content.	≤ 14 dB < 0,05 mg/m³ ce with EN 1081 t. urces.
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environment Life Cycle Assessment CO2 neutral renewable electricity natural materials (e.g. I tree resin, wood flour, I recycled content Application on underfloor head	EN-ISO 717-2 EN 16516 S: ts inseed oil, jute, imestone)	≤ 5 dB < 0,05 mg/m³ Electrical resista	≤ 6 dB < 0,05 mg/m³ ance 1 x 10°Ω < R1 < 1 x 10°Ω (states the foundation for securing the foundation for securing the following securing the following securing the following securing the following securing	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordang the lowest environmental impacted CO₂ neutral (Cradle to gate).** 20% electricity from renewable so 194-98% natural materials. EFC certified wood flour. synthetic rubber and plasticizers. ins recycled content. yes	≤ 14 dB < 0,05 mg/m³ ce with EN 1081 t. yes 0100201-DoP-306 CRF 6.8 kW/m²
	Acoustical impact sound reduction Indoor Air Emissions: TVOC at 28 days Marmoleum Ohmex 2.5 mm is available in different colours Creating better environmen Life Cycle Assessment CO2 neutral renewable electricity natural materials (e.g. I tree resin, wood flour, I recycled content Application on underfloor hea	EN-ISO 717-2 EN 16516 S: tts inseed oil, jute, imestone) whiting ments of EN 14041 EN 14041	≤ 5 dB < 0,05 mg/m³ Electrical resista L Marm yes 0100201-DoP-306 CRF 9.2 kW/m²	≤ 6 dB < 0,05 mg/m³ ance 1 x 10°Ω < R1 < 1 x 10°Ω (state) CA is the foundation for securing Marmoleum 2.5 mm are producted using 10 Marmoleum is made of Marmoleum contains P Marmoleum contains P Marmoleum contains p Marmoleum contains P CRF 5.6 kW/m²	≤ 18 dB < 0,05 mg/m³ atic dissipative) tested in accordan g the lowest environmental impact ed CO₂ neutral (Cradle to gate).** 00% electricity from renewable so 94-98% natural materials. EFC certified wood flour. synthetic rubber and plasticizers. ins recycled content. yes 0100201-DoP-306 CRF 5.1 kW/m²	≤ 14 dB < 0,05 mg/m³ ce with EN 1081 t. urces. yes 0100201-DoP-306

Marmoleum

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 INSTALLATION GUIDE

MARMOLEUM SLIP REPORT

MARMOLEUM CLEANING GUIDE

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



^{*} 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.