Technical specifications

Marmoleum meets the requirements of EN ISO 24011
Marmoleum Acoustic meets the requirements of EN 687
Marmoleum Decibel meets the requirements of EN 686

		Marmoleum Real/Fresco	Marmoleum Real/Fresco/ Vivace/Concrete/ Walton/Striato/ Piano/Graphic	Marmoleum Real	Marmoleum Real	Marmoleum Decibel	Marmoleum Acoustic
Total thickness	EN-ISO 24346	2.0 mm	2.5 mm	3.2 mm	4.0 mm	3.5 mm	4.0 mm
Domestic: heavy	EN-ISO 10874	Class 23	Class 23	Class 23	Class 23	Class 23	Class 23
Commercial: general/heavy/very heavy	EN-ISO 10874	Class 32	Class 34	Class 34	Class 34	Class 33	Class 33
Light industrial: moderate/general/heavy	EN-ISO 10874	Class 41	Class 43	Class 43	Class 43	Class 41	Class 41
Roll width	EN-ISO 24341	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m
Roll length	EN-ISO 24341	≤ 32 m	≤ 32 m	≤ 32 m	≤ 32 m	≤ 32 m	≤ 32 m
Indentation residual *typical value*	EN-ISO 24343-1	≤ 0.15 mm *~0.07*	≤ 0.15 mm *~0.08*	≤ 0.15 mm *~0.10*	≤ 0.20 mm *~0.14*	≤ 0.30 mm *~0.20*	≤ 0.40 mm *~0.25*
Castor chair continuous use	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 30 mm	ø 40 mm	ø 50 mm	ø 60 mm	ø 40 mm	ø 60 mm
Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to 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	Marks left on linoleum as a result of stubbed-out cigarettes can de removed.					
Slip resistance	DIN 51130	R9	R9	R9	R9	R9	R9
Acoustical impact noise reduction	EN ISO 717-2	≤ 4 dB	≤ 5 dB	≤ 6 dB	≤ 7 dB	17 dB	14 dB
Electrical resistance Marmoleum Ohmex	EN 1081	-	$1\text{-}10^6$ <R1 < $1\text{-}10^8$ Ω static dissipative	-	-	-	-
Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact					

Marmoleum meets the requirements of EN 14041

CE EN 14041

Reaction to fire	EN 13501-1	C_{fl}-s1	C_{fl}-s1	C_{fl}-s1	C_{fl}-s1	C_{fl}-s1	C_{fl}-s1
Slip resistance	EN 13893	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30
Body voltage	EN 1815	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV
Thermal conductivity	EN 12524	0.17 W/m·K	0.17 W/m·K	0.17 W/m·K	0.17 W/m·K	0.17 W/m·K	0.17 W/m·K