



Linoleum

marmoleum[®]decibel



33 x 2 m

creating better environments

forbo

FLOORING SYSTEMS



marmoleum® decibel

Acoustic comfort starts with the floor

Noise is part of everyday activity in schools, offices and public environments. Creating calmer interiors starts with reducing sound at the source, and flooring plays a key role in improving acoustic comfort.

Marmoleum decibel is the sustainable solution designed to bring tranquillity and well-being into busy spaces.

marmoleum® decibel

Acoustic, natural and comfortable

This acoustic linoleum solution is designed to reduce impact noise by 19dB and create more comfortable spaces. By combining the natural qualities of Marmoleum with an integrated sound-absorbing layer, Marmoleum decibel supports learning, working and recovery in busy environments, while staying true to sustainable design.

Acoustic performance

- High acoustic performance with 19db impact noise reduction
- Designed to meet functional demands and aesthetic expectations in public interiors
- Engineered for long-term noise reduction in high-traffic spaces

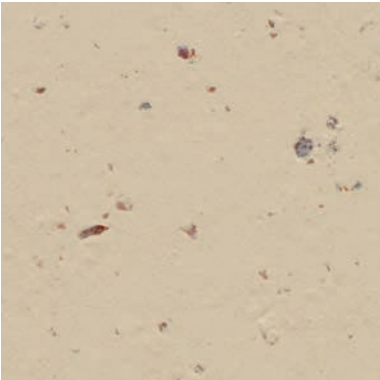
Functional and Sustainable

- Made with sustainability and well-being in mind using up to 94% natural raw materials and up to 75% renewable content
- Climate positive from cradle to gate, without offsetting
- Supported by internationally recognised health and sustainability labels
- Contributing to building standards such as LEED, BREEAM and WELL

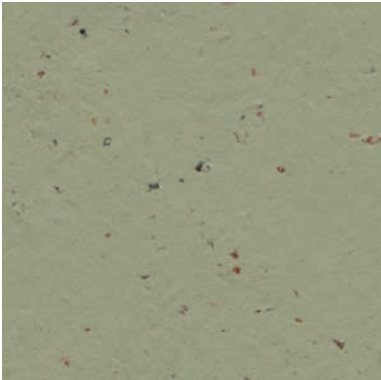
Conscious design

- Carefully selected structures and colours for education, offices and public buildings
- Contemporary selection of 28 items from our Marmoleum collections
- Ready to be delivered from stock

marmoleum® decibel



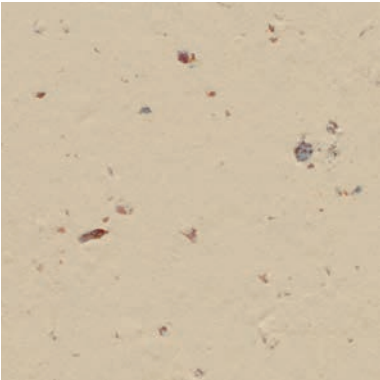
cocoa | 358435 | white chocolate
LRV 60%



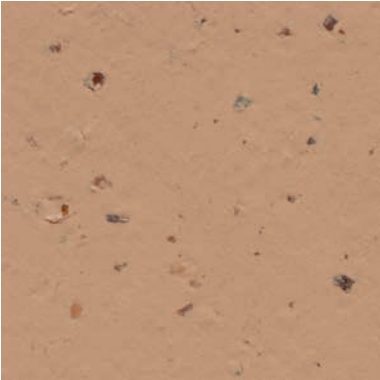
cocoa | 359335 | matcha
LRV 31%



walton | 335535 | rosemary green
LRV 21%



cocoa | 359035 | meringue
LRV 51%



cocoa | 359235 | salted caramel
LRV 32%



striato | 525635 | silt stone **cocoa | 358435** | white chocolate



walton | 337035 | terracotta
LRV 18%



striato | 521735 | withered prairie
LRV 25%



striato | 525635 | silt stone
LRV 44%



fresco | 386135 | Arabian pearl
LRV 50%



concrete | 375735 | Pluto
LRV 51%



fresco | 386035 | silver shadow
LRV 48%



concrete | 370835 | fossil
LRV 34%



concrete | 375835 | shale
LRV 41%



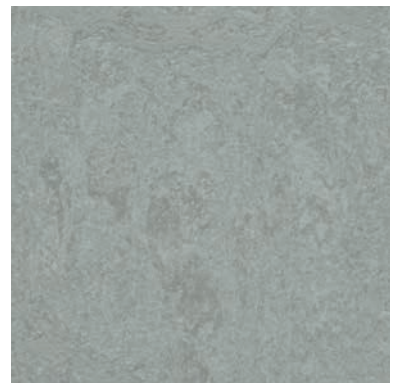
concrete | 372435 | orbit
LRV 37%



fresco | 325235 | sparrow
LRV 29%



concrete | 370635 | beton
LRV 28%



fresco | 388935 | cinder
LRV 30%



fresco | 324635 | shrike
LRV 21%



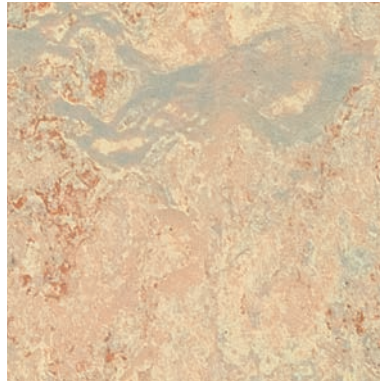
concrete | 372335 | nebula
LRV 17%



fresco | 387235 | volcanic ash
LRV 10%



real | 313635 | concrete
LRV 47%



real | 312035 | rosato
LRV 51%



real | 276735 | rust
LRV 19%



vivace | 340535 | Granada



vivace | 340535 | Granada
LRV 28%



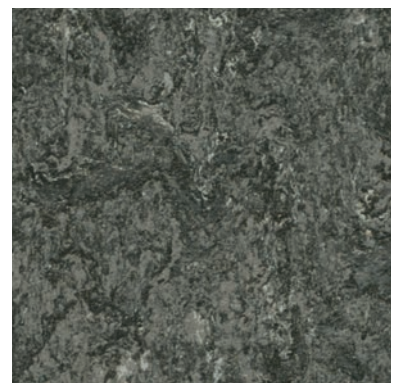
vivace | 342035 | suprising storm
LRV 31%



real | 262135 | dove grey
LRV 36%

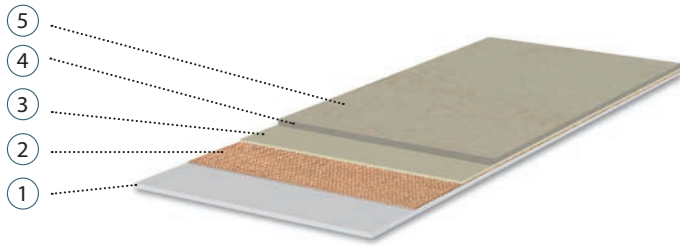


real | 314635 | serene grey
LRV 27%



real | 304835 | graphite
LRV 14%

Marmoleum decibel offers a coherent, future-proof, acoustic solution with the right aesthetic qualities, functional performance, and environmental integrity.



1. Polyolefin underlay providing a high acoustic performance of 19dB
2. Backing woven jute
3. Recycled layer calendered on the jute backing. Contains reuse and recycled linoleum
4. Calendered wear layer giving the colour and the design to the product
5. Topshield pro lacquer; ensuring long lasting protection against traffic and stains

Marmoleum decibel

19db acoustic backing

A perfect combination of 2.5 mm Marmoleum laminated onto a 1 mm layer of polyolefin foam, contributing to the functionality of the product:

- Homogeneous, steady underlay
- Excellent impact sound reduction of 19dB, measured according to EN ISO 717-2
- Consistent performance over time
- Suitable for underfloor heating
- Easy to install with tear-free and clean cutting

Marmoleum decibel contributes actively to healthy environments:

- Climate positive, cradle to gate (without offsetting) – more information in the third party verified EPD on our website.
- Awarded with well-known labels related to healthy environments: Indoor Air Gold, Der Blaue Engel, SWAN, Declare Red list Free and UK allergy seal.
- Enhances projects with environmental and well-being credentials supporting certifications like LEED, BREEAM and WELL Building standard.



Technical specifications

Marmoleum decibel meet the requirements of EN 686

Marmoleum decibel

	Total thickness	EN ISO 24346	3.5 mm
	Surface finish		Topshield pro
	Collection size		28
	Domestic use	EN ISO 10874	Class 23
	Commercial use	EN ISO 10874	Class 33
	Light industrial use	EN ISO 10874	Class 41
	Roll width	EN ISO 24341	2.0 m
	Roll length	EN ISO 24341	≤ 33 m ¹
	Total weight	EN ISO 23997	3100 g/m ²
	Slip resistance (ramp test)	DIN EN 16165 Annex B	R9
	Castor chair continuous use	ISO 4918	Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.30 mm ~ 0.20 mm
	Colour fastness to light	EN ISO 105-B02 method 3	≥ 6
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.05 mg/m ³
	Bacteriostatic properties	Marmoleum has natural bacteriostatic properties which are confirmed by independent laboratories, even against the bacteria MRSA.	
	Resistance to chemicals	EN ISO 26987	Resistant to diluted acids, oils, fats and to the conventional solvents. Not resistant to prolonged exposure to alkalis
	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
	Flexibility	EN-ISO 24344	ø 40 mm
	Acoustical impact noise reduction	EN ISO 717-2	19db
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact	
	Creating better environments	Marmoleum decibel is climate positive cradle to gate*	
	Natural materials	Marmoleum decibel is a bio-based floor made with up to 94 % natural ingredients (e.g. linseed oil, rosin, wood flour and jute). Marmoleum contains PEFC certified wood flour.	
		Marmoleum is free of PVC, PET, synthetic rubber and plasticizers.	
	Recycled content	Marmoleum contains ingredients derived from recycled sources, which are a combination of post-industrial, post-installation and post-consumer streams for both flooring and non-flooring Marmoleum products.	
		Marmoleum installation off-cuts and post-consumer used flooring are recyclable.	
	Health and safety	Marmoleum is REACH compliant to assure human safety and health	
	Renewable electricity	Marmoleum is manufactured using 100% electricity from renewable sources	
	Green building certifications	Application of Marmoleum sheet can help maximise contribution in green building certifications e.g. LEED, BREEAM, DGNB and WELL	
	Application for underfloor heating	yes	

Marmoleum meets the requirements of EN 14041:2004

	DoP		0100207-DoP-107
	Reaction to fire	EN 13501-1	C _f s1, G, NCS
	Slip resistance	EN 13893	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.17 W/mK
	Body voltage	EN 1815	≤ 2.0 kV

* For details, please consult the EPD "Marmoleum decibel 3.5 mm Sheet" available on the website.



All Forbo Flooring Systems' manufacturing operations 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 at an SA8000® -certified organisation.

Other countries

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Find us on



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