

## Forbo Environmental Data Sheet

<b>Product name</b>	<b>Marmoleum Modular 2.5mm tile</b>
Product description	Marmoleum Modular tile is a linoleum floor covering complying with all the requirements of EN-ISO 24011: Specification for plain and decorative linoleum
Manufacturing location	Assendelft, Netherlands Kirkcaldy, United Kingdom
Range names	Marmoleum Modular



### Our footprint – how it's made

#### Environmental data

Total recycled content of product by weight 60%

Post industrial recycled content 60%

Post consumer recycled content 0%

% renewable electricity used 100%

#### Independent assessment and rating

Nordic Swan 

Allergy UK Seal of Approval 

ISO 9001 Quality Management System 

ISO 14001 Environmental Management System 

ISO 45001 Occupational Health and Safety Management 

Marmoleum is manufactured in a SA8000® certified facility 

#### Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025	Raw materials and production	1.290 kg CO <sub>2</sub> eq/m <sup>2</sup>
	Use (1 year)	0.331 kg CO <sub>2</sub> eq/m <sup>2</sup>

### Your footsteps – how it performs

#### Health and well being

AgBB/DiBT Pass

CHPS 01350 Marmoleum products comply to 01350 indoor air quality standard

Air quality Allergy UK Seal of Approval

Impact sound reduction 5 dB

Bacteriostatic properties Marmoleum has independent tests to prove that it inhibits bacteria such as MRSA, C Difficile, Norovirus, Acinetobacter baumannii

#### Installation

Recommended adhesives Forbo recommends the use of 646 Eurostar Premium.  
For more information about adhesives and environmental impact please contact [info.eurocol@forbo.com](mailto:info.eurocol@forbo.com).

Installation off-cuts of Marmoleum can be collected via our **Back to the Floor** scheme and recycled back into Marmoleum at our plant in Assendelft.

**Maintenance**

Topshield Pro Unique dual layer finish. Resistant to staining and scuffing so reducing the amount of cleaning required. Can be completely renovated.

**End of life**

Marmoleum End-of-Life can be collected via our Back to the Floor scheme and recycled back into Marmoleum at our plant in Assendelft.

**Contribution to Green Building Schemes**

**BREEAM-NL**

Potential direct or indirect contribution to following categories and credits:	<b>New Building and Renovation</b>	MAT01 Environmental impact of building materials MAT03 Responsible sourcing of building materials
	<b>In-Use</b>	RSC11 Measures for future re-use of materials and waste RSC16 Circular origin of incoming products and materials

**LEED (version 4.1)**

Potential direct or indirect contribution to following categories and credits:	<b>Materials and Resources</b>	Material Ingredient Reporting - HPD
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**LEED (version 4)**

Potential direct or indirect contribution to following categories and credits:	<b>Materials and Resources</b>	Building product disclosure and optimisation
		Building product disclosure and optimisation - sourcing of raw materials
		Construction and demolition waste management
	<b>Indoor environmental quality</b>	Low emitting materials
		Acoustic performance

**Forbo design principles (Reduce, Recycle, Reuse, Renew)**

<b>Reduce</b>	Marmoleum's Topshield Pro finish significantly reduces cleaning and maintenance costs in life. Reduced VOC emissions from calendaring process by introducing rapeseed oil.
<b>Reuse</b>	All Marmoleum site offcuts can be returned to Forbo for reprocessing using our <b>Back to the Floor</b> initiative.
<b>Recycle</b>	Marmoleum End-of-Life can be recycled back into new Marmoleum at our plant in Assendelft. Packaging is made from recycled materials and can be recycled externally again.
<b>Renew</b>	All Marmoleum is produced using 100% renewable electricity. Marmoleum contains 88% natural raw materials, 76% of rapidly renewable materials, i.e. they can be harvested within 10 years of planting.

**Detailed environmental product declarations and full Life Cycle Analysis**

visit [www.forbo-flooring.nl/downloads](http://www.forbo-flooring.nl/downloads) for more information