

## Forbo LEED v4.1 Compliance Sheet

### Marmoleum Sheet

Product Description:

Forbo Marmoleum Sheet is a homogeneous floor covering made from natural ingredients including linseed oil, rosin binders, wood flour, limestone, and dry pigments, which are mixed and then calendared onto a natural jute backing.

Sustainable Attributes:

Marmoleum Sheet is USDA Certified BioBased (100%), Declare Red List Free, and is free of PVC, PET, synthetic rubber, and plasticizers. Only PEFC certified wood flour is used in the manufacture of Marmoleum. Every square meter of Marmoleum Sheet is climate positive cradle to gate without offsetting, is inherently biodegradable, and is manufactured with 100% renewable energy. Marmoleum's 30+ year system service life makes it a more sustainable alternative to shorter-lived products.

MasterFormat Section:

09 65 16.13 – Linoleum Sheet Flooring

Collection Names:

Real, Vivace, Fresco, Walton Cirrus, Piano, Cocoa, Concrete, Terra, Splash

Manufacturing Location:

Forbo Flooring B.V. Assendelft, The Netherlands

Site Accreditation:

ISO 14001, ISO 9001, ISO 45001, SA8000

Warranty Information:

30-year product  
10-year no finish

Sustainability Report:

Click Here: [Forbo Annual Sustainability Report](#)



Forbo Marmoleum Cocoa



Linseed oil, which is produced from the Flax plant (pictured above), is a key ingredient in Marmoleum.

## LEED Credits

LEED v4.1 MR Credit: Construction and Demolition Waste Management - End of Life Scenario:	Landfill
LEED v4.1 MR Credit: Environmental Product Declarations (EPD):	Product-specific Type III EPD
EPD Standard Used:	ISO 14025
Declared Unit:	1 m <sup>2</sup>
Global Warming Potential Value (GWP: A1-A3):	Marmoleum Sheet 2.5 mm: -0.668 kg CO <sub>2</sub> eq. Marmoleum Sheet 2.0 mm: -0.251 kg CO <sub>2</sub> eq.
EPD Program Operator:	UL Environment
LEED v4.1 MR Credit: Responsible Sourcing of Raw Materials (Option: Bio-based Materials):	USDA Certified BioBased (100%), tested to ASTM D6866
LEED v4.1 MR Credit: Responsible Sourcing of Raw Materials (Option: Recycled Content):	Marmoleum Sheet 2.5 & 2.0 mm: 36% Pre-Consumer Recycled Content Marmoleum Sheet 3.2 mm: 34% Pre-Consumer Recycled Content
LEED v4.1 MR Credit: Responsible Sourcing of Raw Materials (Option: Extended Producer Responsibility):	No EPR
LEED v4.1 MR Credit: Material Ingredient Reporting:	HPD v3.0; Declare Label - Red List Free
Reporting Threshold:	100 ppm
Extent of Disclosed Inventory:	100%
LEED v4.1 EQ Credit: Acoustic Performance:	Contact Forbo's <a href="#">Product Support &amp; Education Services Team</a> for Testing Data
LEED v4.1 EQ Credit: Low Emitting Materials:	Tested and complies with CDPH 01350 v1.2
VOC Content:	TVOC ≤ 0.5 mg/m <sup>3</sup>
VOC Emissions Documentation Available:	CDPH 01350 VOC Emission Test Certificate; ClearChem Declaration



The Health Product Declaration® logo is a registered trademark of HPD Collaborative.  
A ClearChem declaration is available for this product: <https://clearchem.berkeleyanalytical.com/clearchem-declared/forbo-flooring-systems>  
Blue Angel: [www.blauer-engel.de/uz5](http://www.blauer-engel.de/uz5)