



FLOORING SYSTEMS

Forbo LEED v5 Data Sheet

Marmoleum Decibel

Product Description:

Forbo Marmoleum Decibel is a homogeneous floor covering made from natural ingredients, including flax seed oil, rosin binders, wood flour, limestone, and dry pigments, which are mixed and then calendared onto a natural jute backing with an applied polyolefin comfort layer.

Sustainable Attributes:

Marmoleum Decibel demonstrates excellent performance in acoustic noise reduction (18dB). Marmoleum Decibel is Declare Red List Free and is free of PVC. Only PEFC certified wood flour is used in the manufacture of Marmoleum. Every square meter of Marmoleum Decibel is carbon neutral, cradle to gate, without offsetting, 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:

Marmoleum Decibel

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](#)

LEED Credits

LEED v5 MR Credit: Construction and Demolition Waste Diversion

Landfill

End of Life Scenario:

LEED v5 MR Credit: Quantify and Assess Embodied Carbon

-1.25E-01 kg CO2 equivalent per 1 m2

Cradle to Gate (A1-A3):

LEED v5 MR Credit: Reduce Embodied Carbon - Option 2

Product-specific Type III EPD

Environmental Product Declaration (EPD) Analysis:

LEED v5 MR Credit: Low Emitting Materials:

Tested and complies with CDPH 01350 v1.2 (TVOC ≤ 0.5 mg/m3)

LEED v5 IEQ Credit: Fundamental Air Quality

Entryway System Design:

Forbo Coral and Nuway entrance systems can be used in combination with Marmoleum for a complete flooring system that prevents dirt and moisture from being tracked in.

LEED v5 IEQ Credit: Occupant Experience - Option 4

Sound Environment:

Contact Forbo's [Product Support & Education Services Team](#) for Testing Data

LEED v5 MR Credit: Building Product Selection and Procurement

Human Health:

- Declare Label - Red List Free

Climate Health:

- Product-Specific Type III EPD
- EPD Program Operator: UL Environment

Social Health and Equity:

- Forbo adheres to the SA8000 standard, aligning with the International Labor Organization (ILO), international human rights norms, and local laws. By adhering to these rigorous standards, we ensure fair treatment for our employees and the communities in which we operate.

Circular Economy:

- 35.5% Pre-Consumer Recycled Content

Ecosystem Health:

- All wood flour used in Marmoleum products is PEFC Certified
- TRACI Impact Areas Assessed:
 - ODP - Ozone Depletion Potential
 - AP - Acidification Potential
 - EP - Eutrophication Potential
 - POCP - Smog Formation/Photochemical Ozone Creation Potential
 - ADP - Abiotic Depletion Potential / Fossil Fuel Depletion
 - Eco-Toxicity



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Blue Angel: www.blauer-engel.de/uz5

