



FLOORING SYSTEMS

## Forbo LEED v5 Data Sheet

### MCT (Marmoleum Composition Tile)

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**Product Description:**

Marmoleum Composition Tile (MCT) 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 polyester backing to ensure optimum dimensional stability.

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**Sustainable Attributes:**

MCT is USDA Certified BioBased (96%), 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 MCT is carbon neutral 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.

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**MasterFormat Section:**

09 65 16.19 – Linoleum Modular Flooring

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**Collection Names:**

MCT (Marmoleum Composition Tile)

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**Manufacturing Location:**

Forbo Nairn Ltd. Kirkcaldy, Fife, Scotland

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**Site Accreditation:**

ISO 14001, ISO 9001, ISO 45001, SA8000

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**Warranty Information:**

30-year product  
10-year no finish

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**Sustainability Report:**

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

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## LEED Credits

LEED v5 MR Credit: Construction and Demolition Waste Diversion - End of Life Scenario:

Landfill

LEED v5 MR Credit: Quantify and Assess Embodied Carbon - Cradle to Gate (A1-A3):

8.04E-02 kg CO2 equivalent per 1 m2

LEED v5 MR Credit: Reduce Embodied Carbon - Option 2  
Environmental Product Declaration (EPD) Analysis:

Product-specific Type III EPD

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 MCT 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
- HPD v3.0, Pre-Checked for LEED v4.1 and v5
- Reporting Threshold: 100 ppm
- Screened via GreenScreen List Translator

### 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:

- USDA Certified BioBased (96%), Tested to ASTM D6866
- 45% 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



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)

