



FLOORING SYSTEMS

## Forbo LEED v5 Data Sheet

### Allura Decibel

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**Product Description:**

Forbo Allura Decibel luxury vinyl tiles are comprised of a vinyl wear layer with a high-performance PUR topcoat, which provides color clarity. A calendared wear layer provides clear image, superior strength, and durability. Allura Decibel's D3S core technology provides dimensional stability while contributing to its acoustical properties.

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**Sustainable Attributes:**

Allura Decibel demonstrates excellent performance in acoustic noise reduction (19dB). Allura Decibel is phthalate-free and is manufactured with 100% renewable energy.

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**MasterFormat Section:**

09 65 19.00 – Resilient Vinyl Tile Flooring

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**Collection Names:**

Allura Decibel 0.8 mm | 19dB

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**Manufacturing Location:**

Forbo Flooring - Reims, France

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**Site Accreditation:**

ISO 14001, ISO 9001, ISO 45001, SA8000

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**Warranty Information:**

10-year

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**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

6.88E+00 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  $\leq$  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 Allura for a complete flooring system that prevents dirt and moisture from being tracked in.

LEED v5 IEQ Credit: Occupant Experience - Option 4

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

Sound Environment:

## LEED v5 MR Credit: Building Product Selection and Procurement

### Human Health:

- HPD v2.3, Pre-Checked for LEED v4.1
- 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:

- 16.5% Pre-Consumer Recycled Content

### Ecosystem Health:

- 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>