



MATERIALITY

LVT

**Material
Health**

Material Health as a Measure of Performance

For Mannington Commercial, material choices are inseparable from performance. The decisions we make about what goes into our LVT—and what stays out—directly shape how our products perform in the real world. We believe flooring should do more than last. It should support healthier spaces for people, reduce impact on the planet, and meet higher standards of transparency and safety. By holding every component to rigorous benchmarks, we craft our products to deliver performance you can trust from the inside out.



UTPERFORM

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We are committed to doing the right thing.

“Do the right thing” is a core value for Mannington, and for more than 30 years of domestic LVT production, we have worked to make a positive impact on our customer’s health, the environment, and our communities. Over 95% of our commercial LVT products are manufactured in Madison, GA, at a Mannington owned and operated facility.

- The facility is ISO 9001 certified; our facility demonstrates and maintains industry best practices for management and continuous improvement.
- The facility is ISO 14001 certified; our facility demonstrates and maintains industry best practices for environmental management.
- Our two PVC resin manufacturing vendors’ facilities, located in the United States, are also ISO 9001 and 14001 certified.
- Mannington’s facilities and our two PVC resin manufacturing vendors’ facilities are +Vantage Vinyl verified – Silver, meaning the facilities demonstrate industry best practices for material health, environmental stewardship, social diligence, economic soundness, collaboration, and open communications.

Polyvinyl chloride (PVC) resin manufacturing once operated with minimal oversight, characterized by poorly maintained open systems, no exposure and emission limits, and a lack of concern for worker safety. Over the past century, PVC operations have transformed drastically due to manufacturing advances and stringent government regulations from agencies like OSHA and the EPA. Modern vinyl management practices ensure that facilities adhere to strict environmental and worker safety standards, effectively eliminating the hazards once associated with an unregulated industry.



Our manufacturing processes operate within temperature ranges to control energy consumption and achieve the performance and quality of our products. These operating temperatures are below those required to generate gaseous emissions. We continually monitor process temperatures, as well as for the presence of such gases, to ensure safe operations. Automatic safety systems, which protect people, facilities, and surrounding environment, will shut down the processes should temperatures exceed predetermined safety levels.

A positive impact means transparency.

Mannington's commercial LVT is FloorScore certified and has both a product specific Environmental Product Declaration and a Health Product Declaration. These third-party verified transparency documents convey with you an objective accounting of our products' impact on people and planet.

Mannington Commercial LVT does not add legacy additives that are cause for concern, such as:

- Asbestos
- Bisphenol A
- BTHC
- Cadmium
- DEHT
- DINCH
- Flame retardants
- Hexavalent chromium
- Lead
- Mercury
- Ortho-phthalates
- PFAS/PFOS/PFOA
- TOTM/TEHTM
- Trialkyl tin compounds
- "Conflict minerals"



Dedicated to reducing waste.

Mannington strives to minimize waste and landfill contributions by reusing most of our LVT manufacturing scrap in the production of new products.

- Engineered and process waste, such as edge trimmings, off-quality product, defects, etc., are "re-integrated" into raw materials and used in production
- Depending upon the product, some individual layers of LVT may contain between 35 and 50% re-integrated material
- Re-integrated material that is recirculated into production allows Mannington to utilize waste materials and maintain rigorous standards that external recycled materials may compromise
- Madison's increased production efficiency reduced production waste by 50% over the last six years
- While ISO 14012 (environmental labels and declarations) does not consider re-integrated material as "recycled content", nevertheless it reduces landfill destined materials and reduces demand for virgin materials

Longer lasting products mean more sustainable interiors.

Mannington's reputation is built on industry leading performance and standing behind that performance. Products built to perform and last can reduce or eliminate the number of times flooring needs to be replaced.

- Raw materials are rigorously vetted to avoid contaminants and improve performance
- Long lasting products reduce: the amount of energy required to manufacture flooring; the embodied energy of a project; material consumption; and end of life disposal challenges
- Performance-focused designs allow us to offer warranties of up to 25 years

For more information, visit
manningtoncommercial.com.

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