

AIA MATERIALS PLEDGE OVERVIEW

Launched in 2018 and adopted in 2020, The American Institute of Architects (AIA) developed the Architecture and Design Materials Pledge. It was developed to inspire members to shift the way in which they evaluate the products and finishes that they specify daily across five topics: **human health, social health and equity, ecosystem health, climate health, and a circular economy.**

To define what “holistically sustainable materials” meant, Mindful Materials developed the Common Materials Framework (CMF). This common language allows the industry to align and unify with regard to products and sustainability. The CMF is formally recognized by the AIA as the foundation of its A&D Materials Pledge and many firms, certification programs, and companies now use it to organize their sustainability initiatives.



Human Health



Social Health & Equity



Ecosystem Health



Climate Health



Circular Economy

Some signatories of the AIA Materials Pledge include EwingCole, HGA, HMC Architects, HOK, LPA, Perkins & Will, and ZGF Architects.

121

121 firm signatories reported in 2024.

419

419 projects, representing 3.5 million GSF, reported metrics and strategies.

67%

67% of firms reported having a Sustainability Action Plan including material selection strategies.

22

All 22 of the listed product types were reported across the five impact categories.

We have created this document to break down each of the five categories of the AIA Materials Pledge. As architecture and design firms adopt this framework into their sustainability criteria, it is important to know and show how Mannington Commercial is holistically positioned in each of these categories.

Additionally, we have created CMF Product Profiles that go into more depth to see how we are demonstrating sustainability initiatives for each product we offer. You can find them at www.manningtoncommercial.com/sustainability/transparency/.



MATERIALITY

Human Health

We pledge to support human health by preferring materials and products which support and foster life throughout their life cycles and seek to eliminate the use of hazardous substances.

Why It's Important

Substances begin to accumulate in the human body and interact with our bodily chemistry.

These substances can cause a variety of problems ranging from acute irritation to chronic diseases.

It is vital to remove harmful substances from building materials as humans spend about 90% of their lives indoors.

What's The Solution

Evaluating material ingredients' impact on workers and surrounding communities.

Using materials that have passed standardized emission testing protocols.

Third-party verified materials with transparency documentation.

Products that have removed chemicals of concern.

How Mannington Commercial Addresses Human Health

✔ Health Product Declarations (HPD)

Every HPD we provide discloses 100% of the ingredients, at 100 parts per million (ppm), and is third-party verified. This level of product ingredient transparency informs important decisions on material health. You can leverage this information since many of our competitors do not disclose all ingredients at the level we do and may not have third-party verification.

✔ Declare Labels

These labels disclose all ingredients and residuals at 100 ppm. All of our products with a Declare label are Red List Free, which is the highest declaration status to be achieved. These products do not contain any Red List chemicals. Declare labels also align with programs such as LEED and International Standards.

✔ Floorscore & Green Label Plus

Floorscore for hard surfaces and Green Label Plus for carpet are certifications regarding Volatile Organic Compound (VOC) emissions and indoor air quality. Our products meet or exceed specific indoor air quality standards for low-emitting products.

✔ Managed Substances List (MSL)

We have developed a Managed Substances List, an industry-leading initiative, to screen all of our materials as well as requiring our suppliers to do the same. This allows us to eliminate chemicals known or suspected to have adverse effects on human health.

✔ Removal of Intentionally Added PFAs

By the end of 2019, we removed intentionally added PFAS chemicals from our product formulations. None of our flooring products or raw materials include any intentionally added PFAs.



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Social Health & Equity

We pledge to support social health & equity by preferring materials and products from manufacturers that secure human rights in their own operations and in their supply chains, and that provide positive impacts for their workers and the communities where they operate.

Why It's Important

Human rights and labor violations occur globally in supply chains, regardless of the product being made.

Supply chain information has historically been difficult to obtain, and we are often unaware violations are happening.

Over the past years, there has been more urgency in addressing these issues and ensuring they cease to exist.

What's The Solution

Support supply chain human rights for materials.

Ask manufacturers for assurances.

Prioritize education and use of tools to track supply chains.

Create specifications for projects that use materials from supply chains free of human rights violations.

How Mannington Commercial Addresses Social Health & Equity

✔ Supplier Code of Conduct (SCC)

Our Supplier Code of Conduct outlines our expectations and requirements regarding human rights and fair labor practices as well as responsible sourcing. All third-party suppliers are required to adhere to this code.

✔ United Nations Global Compact (UNGC)

We became a signatory of the United Nations Global Compact in 2023. This demonstrates our commitment to the ten principles of the compact, which heavily emphasize fair human rights and labor rights.

✔ Corporate Social Responsibility Report

Since 2022, we have produced a corporate social responsibility report that provides transparency into our workplace and manufacturing operations. The report captures our commitments to worker safety, ethical business conduct, and responsible sourcing.

✔ Assent Verification Services

Assent is a supplier engagement service that allows us to monitor the integrity of our top 85% of suppliers by sales of items.

✔ Domestic Manufacturing

Mannington Commercial products are manufactured in the U.S., allowing us to touch every step of the production process. 97% of our commercial products are manufactured in the U.S. and 97% of raw materials used in those products are sourced in the U.S.



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Ecosystem Health

We pledge to support ecosystem health by preferring materials and products that support and regenerate the natural air, water, and biological cycles of life through thoughtful supply chain management and restorative company practices.

Why It's Important

Acquiring building materials contributes to air and water pollution, soil degradation, and habitat destruction.

Natural systems suffer from manufacturing processes while often no remediation is provided.

Resources not only become depleted, but biodiversity becomes threatened.

What's The Solution

Use products that respect and restore the natural environment.

Consider the environmental impacts of sourcing as well as within the supply chain.

Non-destructive sourcing of raw materials.

Close gaps in knowledge in how building products affect the building blocks of life.

How Mannington Commercial Addresses Ecosystem Health

✓ Appalachian Carbon Exchange (ACE)

Our partnership with the Appalachian Carbon Exchange allows us to offset a 105% equivalent of the embodied carbon of all domestically made products. ACE is based in Chattanooga, Tennessee, close to our operations in North Georgia. We can have a personal and tangible impact on our surrounding communities and environment by supporting ACE's forest stewardship efforts, which help preserve biodiversity and wildlife habitats, strengthen the ecosystem services we all rely on, and create meaningful local employment opportunities.

✓ Environmental Product Declarations (EPD)

Environmental product declarations are an executive summary of a life cycle assessment and evaluate the environmental impact of a product from raw material extraction to end of life. The document also reports the associated impacts of acidification (acid rain), eutrophication (excessive nutrients in waterways), fossil fuel resource depletion, and smog air production.

✓ +Vantage Vinyl Verified

We are Vantage Vinyl verified at the Silver level. This verification assesses our entire vinyl supply chain, with a guiding principle in environmental stewardship. This measures our compliance regarding recyclability, water usage, waste management, waste diversion, and emissions.

✓ ISO 14001 Certification

International Organization for Standardization (ISO) 14001 is an environmental standard that provides a system for continual improvement in environmental performance. Our facilities in Calhoun, Madison, and Salem are ISO 14001 certified.



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COMMUNITY

Climate Health

We pledge to support climate health by preferring materials and products that reduce carbon emissions and ultimately sequester more carbon than emitted.

Why It's Important

11% of global greenhouse gas emissions are generated from construction materials.

The building sector needs to reduce its emissions by 65% by 2030 to avoid irreversible climate change.

We must also work to reduce the embodied carbon in materials.

What's The Solution

Selecting materials that contribute to reducing and storing carbon.

Reusing and retrofitting more.

Using environmental product declarations and life cycle assessments.

How Mannington Commercial Addresses Climate Health

✓ Environmental Product Declarations (EPD)

Environmental product declarations assess a product's embodied carbon across its life cycle from raw material extraction to manufacturing. While renewable energy credits (RECs) may be factored into these calculations, they do not actually reduce emissions and therefore don't lower embodied carbon or global warming potential (GWP).

✓ Life Cycle Assessments (LCA)

We have comprehensive life cycle assessments completed for our products to evaluate all potential environmental impacts, such as emissions. The EPD is an executive summary of this assessment

✓ Greenhouse Gas Emissions

We disclose our Scope 1, 2, and 3 emissions* in our annual report alongside intensity metrics on carbon, energy, water, and waste.

✓ Renewable Energy

We currently have 3,900 solar panels at our Salem, New Jersey facility, which generated 756,288 kilowatt hours in 2024, the equivalent of 238 metric tons of carbon. By the end of 2025, we will have approximately 1,150 panels at our Calhoun, Georgia facility. Our Madison, Georgia facility is under evaluation for solar panels on site. We are also exploring the potential for battery storage to the Salem, New Jersey facility.

✓ Third-party Energy Audits

Our Calhoun, Dalton, Eustis, and Madison facilities undergo third-party energy audits provided by the U.S. Department of Energy's Industrial Assessment Center partners. These help to identify energy and greenhouse gas emissions reduction opportunities and highlight best practices already in place.

*2024 was the first year Mannington Mills has calculated and reported Scope 3 emissions.



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CIRCULARITY

Circular Economy

We pledge to support a circular economy by reusing and improving buildings, and by designing for resiliency, adaptability, disassembly, and reuse, aspiring to a zero-waste goal for global construction activities.

Why It's Important

Historically, buildings have had a limited lifespan and have been destined for demolition.

Rather than demolition, building parts and components can be reused or redesigned.

Demolition and renovation contribute a significant amount to global waste.

What's The Solution

Reusing existing building stocks over new construction.

Eliminating cutoff waste.

Designing for disassembly and reuse.

Reducing construction waste.

How Mannington Commercial Addresses Circular Economy

✔ Manufacturer Take Back Program

We work with customers to take back carpets, hard surfaces, or accessories to divert them from the landfill through a variety of means including reuse and recycling. If we are unable to repurpose it ourselves, we will connect with supporting organizations that can give the material a second life.

✔ Carpet Recycled Content

Our modular and broadloom carpets contain recycled content. We have transitioned to using Universal Thrive® Type 6,6 fibers, which are made with 75% recycled content, and Econyl Type 6 fiber containing regenerated nylon.

✔ Waste Diversion

We are consistently working towards a goal of net zero waste, diverting 90% of waste from landfills. Our annual report (pages 25-26) details our waste produced per pound of product as well as our total diverted waste from the landfill.

✔ LVT Reintegrated Content

All Luxury Vinyl Tile products contain 35% of reintegrated or regrind content. This reused material is from scraps of LVT that can go back into new products, diverting unnecessary waste from the landfill. We also incorporate pre-consumer material from other product lines when it is available, further minimizing waste across our operations.

✔ ISO 14001 Certification

International Organization for Standardization (ISO) 14001 is an environmental standard that provides a system for continual improvement in environmental performance. Our facilities in Calhoun, Madison, and Salem are ISO 14001 certified.



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