



Maryland
Green Registry
MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

CertainTeed LLC, Siding Products Group



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Manufacturing
Member since April 2014

Management and Leadership

Environmental Policy Statement

CertainTeed is a wholly owned subsidiary of Saint-Gobain Corporation. The Saint-Gobain Environmental Health and Safety (EHS) Policy covering all worldwide operations including the CertainTeed Siding Products plant in Williamsport, is shown below:

Environmental Policy

The Siding Products Group of CertainTeed Corporation is dedicated to operating environmentally responsible facilities and manufacturing sustainable products. Through continual improvement of our Environmental Management System, we commit to realize the following in all operations:

- *Respect for the environment*
- *Pollution prevention*
- *Recycling*
- *Compliance with all applicable legal and other requirements.*

This policy is communicated to all employees and available to any interested party. It is posted in the front lobby of the plant and is printed on visitor brochures.

Environmental Team

The Williamsport plant along with all plants in the Siding Products Group division has a dedicated Environmental Team as part of the WCM (World Class Manufacturing) program. The team meets monthly and is comprised of a cross-

functional group of managers and hourly employees with the purpose of setting and meeting plant goals to work toward the global objectives set by Saint-Gobain and Certainteed, and reducing the environmental risks involved in plant activities. The team performs evaluation and tracking of key metrics targeted for improvement including water and energy use, and landfill contributions. The team identifies opportunities for improvement in these areas and implements projects in a system of continuous improvement laid out by WCM. The team also evaluates and tracks all environmental risks, identifying the most significant and taking steps to reduce them.

Virtually all plant personnel are updated on a regular basis in employee communication meetings on our progress towards our sustainability goals and on our most significant environmental risks. This information as well as all team activity and projects is also always available at the plant Employee Information Center near the employee entrance.



Annual Environmental Goals

Saint-Gobain is a signatory to the UN Global Compact pledge targeting carbon neutrality by 2050. The company has been setting world-wide targets for reduction in water, landfill waste, energy use, and scope 1 and 2 CO2 emissions since 2007. These were updated at the start of 2021 and expanded to include improvement in scope 3 emissions from suppliers, recycled material content in products, and recyclability of packaging (see graphic below), with a target date of 2030. The Williamsport plant establishes its own goals yearly to keep us on track to meet these targets. Achieving these yearly and long-term objectives is one of the Siding Product Groups 'Must-Win Battles' with progress reviewed monthly by division management.



To assist in achieving our yearly goals at the plant level, in 2021 Saint-Gobain North America established a multi-million dollar capital allocation dedicated to help finance sustainability projects that would not otherwise be financially justifiable based on normal guidelines.

Additionally, in 2021 Saint-Gobain North America has established an Employee Engagement team to inform and educate associates at all levels on the company's efforts and what they can do to help.

Environmentally Preferable Products and Services

All products made at Williamsport will have their Life-Cycle Assessments (LCA) refreshed in 2021. They will also now have UL Environmental Product Declarations (EPD) for information transparency and to assist in selection for LEEDs installations. Products made here will be required to achieve a 30% recycled or bio-sourced content and have 100% recyclable packaging by 2030 per Saint-Gobain goals.

Environmentally Preferable Purchasing

Saint-Gobain and Certainteed are requiring a 16% reduction in scope 3 supply chain CO2 emissions by 2030. We are currently evaluating all suppliers for their carbon footprint and formulating a strategy to achieve that goal.

Saint-Gobain's Supplier Charter

Saint-Gobain's Purchasing department includes in our suppliers' contracts a requirement that all suppliers abide by the Suppliers Charter. Excerpts that pertain to environmental practices are as follows:

Saint-Gobain Supplier's Charter Environmental Pertinent Sections

The financial, social and environmental requirements of sustainable development are fundamental elements in the strategy of the Saint-Gobain Group.

In addition to signing up to the UN's Global Compact, the Group has, since 2003, formalized its values through the General Principles of Conduct and Action applicable to all employees worldwide, and in doing so, confirmed its resolve to work towards responsible business growth. This is why the Saint-Gobain Group has decided to invite its suppliers of products and services and its subcontractors to take part in this process within their own sphere of action or influence. This is the purpose of the present Charter which Saint-Gobain asks its suppliers and subcontractors to support.

Waste

Solid Waste Reduction and Reuse

The Williamsport plant has reduced total landfill contributions by 63% from 2010 to 2020, eliminating over 500,000 lbs per year of solid waste. This has been accomplished by internal reuse and external recycling with virtually all process waste made at the plant now kept out of landfill.

- *Installation of a plant-wide vacuum system has allowed reclamation of powdered raw material spills, and focusing due environmental risk on eliminating the root causes has reduced their size and frequency.*
- *Installation of a pulverizer has enabled us to reuse more of our vinyl scrap internally in our products. The remainder still goes entirely to external recyclers along with any raw material we are unable to use.*
- *Reducing the amount of material we use to purge out the extrusion machinery between jobs, while what we still make also continues to go to external recyclers.*

Recycling

Besides plastics and process waste recycling, we have partnered with a local recycling company since 2011 to keep other industrial and post-consumer waste out of landfill as well, reducing this waste stream by 43% since 2010. Recycled materials include excess cardboard packaging for our products as well as incoming material packing, paper, plastic, glass, broken pallets and other scrap wood, and raw material bags, plus obsolete manufacturing equipment and scrap metal.

Energy

Energy Efficiency

The plant's CO₂ Emissions were reduced from 2010 to 2020 by approximately 28%. This reduction is due to increased efficiencies in operations and upgrades of equipment including motors and facility lighting, and through sourcing of cleaner energy. The plant uses only electricity for power.

Additionally, at the start of 2021 Saint-Gobain North America has entered into a 12-year power purchase agreement for 120 megawatts from the Blooming

Grove Wind Farm in Illinois, which will result in a further 40% reduction of CO2 emissions from electricity.

Water



Water Conservation

The plant has reduced its industrial water discharge to sewer by 60% between 2010 and 2020 through projects listed below. Additionally, water purchase has been reduced by 64% in 2021 through the increased reuse of process water from the production lines.

- *Capturing formerly discharged cooling tower waste water and using it in a recirculated process water system.*
- *Capturing and storing water during plant shutdowns for future use, instead of discharging to sewers.*
- *Eliminating water discharge due to filter flushing.*
- *Reducing water discharged from process vacuum pumps by use of flow restrictors.*
- *Utilizing waterless urinals throughout the plant.*

Profile Updated April 2021



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