

WORKING GREEN

THE MARVIN COMPANIES' ENVIRONMENTAL COMMITMENT

At Marvin, we have
another name for the
environment.



We call it our backyard.

Marvin is a family-owned business with roots in the rugged beauty of northern Minnesota. Our windows and doors reflect an appreciation for the natural and built environments around the world.

Our heritage has instilled in us a commitment to the environment. That commitment, in turn, shapes the way we design our products and operate our facilities.

Of course, we meet or exceed applicable environmental regulations. But respecting and protecting the environment is more than grudgingly conforming to regulations - it's the right thing to do. We're committed to sustainable forestry management and recycling and reuse programs, resourceful and responsible manufacturing practices, and environmentally conscious product design.

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Our regional forest education program gives children a hands-on understanding of the importance of responsible forestry by distributing tree seedlings; all in all, we distribute more than 4,000 seedlings a year to the community. A partnership with the Warroad, MN school district promotes cardboard and paper recycling.

IF EVERYONE CLEANED UP THEIR BACKYARD, WE'D CLEAN UP THE PLANET.

The Marvin Companies actively promote pollution prevention, waste management and recycling efforts. We multiply our efforts by educating employees, communities, and customers on responsible environmental practices.

While a member of the EPA 33/50 and Minnesota 50 for Voluntary Pollution Prevention initiatives, we exceeded the goal to reduce releases and off-site transfers of 17 chemicals.

And while we're growing, the waste we produce is shrinking. Our Warroad facility annually recycles approximately 800 + tons of aluminum, 240 tons of metal scrap, 300 tons of cardboard, 90 tons of paper, and 8,500 tons of packaging and logging waste. The latter powers the boiler, heats the plant, saves energy and reduces landfill waste. An additional 14,000 tons of wood shavings are sold annually for animal bedding.

AS A FAMILY-OWNED BUSINESS, WE TAKE THE LONG VIEW.

We can make a profound impact by setting high standards for our industry. We've received several awards for our commitment to environmentally-responsible manufacturing processes, including the Governor's Award for Excellence in Waste and Pollution Prevention three times, most recently in February 2006. Our Tennessee facility was recognized as a TP3 Performer by the Tennessee Pollution Prevention Partnership for our demonstrated commitment to environmental excellence. Based in Fargo, ND, **Integrity® Windows and Doors** earned the Greener North Dakota Award in 2005. **Integrity** and **Infinity® Replacement Windows'** pultruded fiberglass, **Ultrex®**, is manufactured in the only pultrusion facility in compliance with the EPA's 1990 Clean Air Act. The facility is certified Maximum Achievable Control Technology (MACT) by the EPA and captures 97% of volatile organic compounds (VOCs) generated during manufacturing.

This support is not a mere matter of a signature or a contribution. It's reflected in daily actions ranging from purchasing to recycling. Marvin purchases from reliable raw lumber suppliers who subscribe to the Sustainable Forest Initiative (SFI). Our wood utilization factor in the rip and cut process is one of the highest in the industry, and we reuse wood by finger-jointing and edge gluing scrap material to form usable pieces and utilizing wood shavings to heat our Warroad facility.

WE'RE TAKING CARE OF THE ENVIRONMENT, ONE WINDOW OR DOOR AT A TIME.

By building energy-efficient, environmentally-friendly products, we extend the positive impact we make.

Marvin's windows and doors are made-to-order, so resources are not wasted on warehouses full of unwanted product. Insulating glass is standard, and most units are available with Low E II glazing with Argon gas.

With both **Integrity** and **Infinity**, the energy efficiency starts long before installation. Made with **Ultrex**, a pultruded fiberglass material with long-standing durability and outstanding thermal efficiency, the manufacturing process of Integrity and Infinity windows and doors produces minimal volatile compounds, petroleum or other hydrocarbon-based materials. **Ultrex** has around 80 percent less embodied energy than aluminum and 39 percent less than vinyl.

All **Integrity** and **Infinity** windows feature Low E II glazing with Argon gas, which can reduce heating costs by 34 percent in cold climates and 38 percent in warm climates according to the Sustainable Energy Coalition.

The **Marvin Companies** are fortunate to be located in some of the most inspiring places on earth. And we're committed to keeping it that way. For more information about the Marvin Companies' dedication to the environment, visit us online at www.marvin.com, www.integritywindows.com or www.infinitywindows.com.

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Marvin has a particular appreciation of the critical role forests play in global ecosystems. We're a Charter Member of the Forest Products Management and Development Institute at the University of Minnesota, a member of the Tropical Forest Foundation, a subscriber to the Sustainable Forest Initiative, and a supporter of the WDMA Green Task Force Statement of Beliefs.

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Marvin Windows and Doors was the first major window and door company to offer low emissivity coatings on an entire product line, and offers dual-pane insulating glass as a standard on all of its products. Building on this tradition, both Integrity and Infinity windows come standard with Low E II glazing with Argon gas, exceeding NRFC requirements and meeting ENERGY STAR® guidelines in all four U.S. climate zones.



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