



JELD-WEN Statement on Environmental Stewardship

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JELD-WEN's goals are to be the industry leader in socially responsible practices and to conduct our business in a manner that demonstrates environmental stewardship. At JELD-WEN, we believe that a healthy environment and healthy business practices go hand in hand.

We strive to conduct our business with the highest ethical standards. This includes providing our customers with superior products, establishing solid relationships in the communities where we live and work, and conserving valuable resources.

JELD-WEN's success is due in part to the company's resourcefulness. Resource conservation—in all aspects of production—has been a company goal since the early 1960s. Globally, we strive to maintain and continually improve our environmental performance. Our environmental stewardship philosophy manifests in many ways:

- We design and produce long-lasting, energy-saving windows and doors.
- Our manufacturing process utilizes recycled waste materials.
- We manufacture products close to markets in order to minimize fuel consumption and greenhouse gas emissions.

Reuse and Recycle Philosophy

In the 1970s, JELD-WEN perfected a proprietary process for using wood waste to make facings for our molded interior doors. Full utilization of timber simply made good economic sense.

Today, JELD-WEN uses recycled materials to produce high-value doors and windows every day. Our window glass and aluminum cladding contain post-consumer recycled content. JELD-WEN® Vinyl windows feature up to 15 percent pre-consumer recycled vinyl content. We have also earned third-party certification through Scientific Certification System (SCS) of products made from pre-consumer recycled wood.

At every opportunity we will encourage our customers to minimize the use of wood pallets and to recycle the packaging material used by JELD-WEN for our window and door products, including cardboard and plastic wrap.



Reduced VOC Products

JELD-WEN is a leader in the reduction of volatile organic compound (VOC) emissions. When creating AuraLast® Wood, we developed a proprietary, water-based wood protection process that results in a 96 percent decrease of VOCs released during production (compared to the solvent-based dip treatment process typical in the industry).

AuraLast Wood originated in response to a huge industry problem—wood rot in wood windows and doors, which significantly reduces product life. AuraLast Wood not only addresses a growing concern about VOC emissions, but it also dramatically extends the useful life of the window and door.

All U.S.-produced JELD-WEN pine wood windows are made from AuraLast Wood, as well as a selection of patio doors and door frames.

Green Building

JELD-WEN offers beneficial products that meet many local green building provisions and top nationally recognized programs, such as the Green Building Initiative's Green Globes®, the U.S. Green Building Council's LEED, and the ICC 700 -2012 National Green Building Standard for residential construction.

Here are a few ways JELD-WEN may help earn credits/points or satisfy criteria within many of these programs:

- Energy efficient windows, exterior doors, and patio doors
- Windows and patio doors made from Sustainable Forestry Initiative® (SFI) and Forest Stewardship Council® (FSC) certified wood sources
- Molded interior doors with No Added Urea Formaldehyde (NAUF)
- Locally manufactured products
- Windows and patio doors made from AuraLast – The Worry-Free Wood® without the use of high VOC solvent-based dip treatments
- Durable, high performance products to reduce the impact associated with frequent replacement
- Pine windows and patio door in SFI® and FSC® options
- FSC® option for any species in the Custom line, such as reclaimed Douglas fir and mahogany

Product Certifications

- SFI®-certified Wood windows--available as an option on U.S. manufactured pine wood window collections
- FSC®-certified Wood windows, flush hardwood doors, and stile and rail doors--available on select door products and all wood window products including patio doors by FSC® Chain of Custody facilities (FSC® C100683)
- All hollow core JELD-WEN interior passage doors contain a minimum of 45% pre-consumer recycled wood fiber content and are certified for NAUF. May be ordered as No Added Formaldehyde (NAF).
- All hollow core JELD-WEN interior bi-fold doors contain a minimum of 42% pre-consumer recycled wood fiber content.
- JELD-WEN molded door skins, a component of JELD-WEN interior doors, contain a minimum of 65% pre-consumer recycled wood fiber content.
- All wood composite products meet CARB Phase II and Calif 01350 regulations.
- JELD-WEN windows can be conveniently configured to be ENERGY STAR® qualified
- Home Innovation NGBS Certified – JELD-WEN ENERGY STAR® Vinyl windows and patio doors; JELD-WEN FSC®- and SFI®-certified ENERGY STAR® Wood windows and patio doors with AuraLast®; JELD-WEN NAF Molded interior doors



Partnerships and Accreditations

JELD-WEN is proud to offer many ENERGY STAR® qualified windows, patio doors and exterior doors. JELD-WEN has been an ENERGY STAR partner since 1998 and is a 2010 ENERGY STAR Partner of the Year in the U.S., and received a 2010 ENERGY STAR Sustained Excellence Award in Canada. Additionally, JELD-WEN received the 2012 ENERGY STAR Manufacturer of the Year award for market transformation in Canada.



JELD-WEN is a board member of the Green Building Initiative (GBI). GBI is a nonprofit organization whose mission is to accelerate the adoption of building practices that result in energy-efficient, healthier, and environmentally sustainable buildings by promoting credible and practical green building approaches for residential and commercial construction.

GBI administers Green Globes®, an online, interactive green rating and assessment tool. Green Globes is an affordable way to identify strategies that help improve a new or existing building's overall environmental performance.



JELD-WEN is also proud to be a member of the U.S. Green Building Council (USGBC) and creates many windows and doors that can help a building project earn LEED certification.

Certified Sources of Wood

JELD-WEN strives to source timber and lumber from suppliers who abide by local laws, rights, and traditions and whose practices are sustainable and renewable. We participate in and support the wood certification systems of both the Sustainable Forestry Initiative® (SFI) and the Forest Stewardship Council (FSC®).



Sustainable Forestry Initiative®

We support the land stewardship ethics of the Sustainable Forestry Initiative. We hold SFI Chain of Custody certification, which governs all changes of custodianship of forest-based products during the harvesting, transportation, processing and distribution from the forest to end-use.

Third-party inspections are conducted by PricewaterhouseCoopers, an independent auditing firm. As a result, we offer (SFI) certified AuraLast® Wood for our wood windows and patio doors.

Forest Stewardship Council™

JELD-WEN has earned and maintained Forest Stewardship Council (FSC®) Chain of Custody certification at certain facilities, allowing us to offer selected varieties of FSC-certified wood doors and windows.



FSC® promotes environmentally appropriate, socially beneficial and economically viable management of the world's forests.

JELD-WEN strives to utilize suppliers who adhere to these practices in their harvest and replanting operations. Wood for certain FSC®-labeled JELD-WEN products is sourced through the company's sawmill, which is also certified through FSC®. **FSC® C100683**

JELD-WEN has implemented measures to avoid sourcing the following:

- Wood harvested illegally
- Wood harvested in violation of traditional and civil rights
- Wood harvested from forests where high conservation values are threatened by management activity
- Wood harvested from forests being converted to plantations or non-forest use
- Wood harvested from forests in which genetically modified trees are planted



One way JELD-WEN supports sustainable construction is by using recycled materials in the production of our Interior Molded Wood Composite doors. In fact, door slabs are Scientific Certification Systems (SCS) certified with a specified pre-consumer recycled content, depending on model. Recycled content percentages refer to the door slab and do not include the door frame and frame components.

Home Innovation Green Approved

The following products manufactured by JELD-WEN have been approved for points toward National Green Building Certification to the ICC 700 -2012 National Green Building Standard for residential construction:



- SFI® - or FSC® -qualified ENERGY STAR® wood windows and patio doors with AuraLast® Wood
- ENERGY STAR qualified vinyl windows and patio doors

SmartWay Transport Partnership

JELD -WEN is excited to be part of the SmartWay Transport Partnership, an innovative collaboration between the U.S. Environmental Protection Agency (EPA) and industry. The program's goal is to significantly reduce greenhouse gas emissions related to freight operations. To be a SmartWay partner, JELD-WEN has agreed to continue to reduce greenhouse gas emissions, a top priority of its fleet and SmartWay partner carriers.



Continuous improvements made to JELD-WEN's transportation vehicles include implementing speed regulation, reducing idling time, and increasing efficiencies in pickup and delivery scheduling, in addition to reducing energy use and improving shipping and operating costs.

JELD-WEN demonstrates its strong environmental leadership and corporate responsibility by contributing to the Partnership's achievements since 2004 which include: saving 120.7 million barrels of fuel (i.e., \$16.8 billion savings in fuel costs), eliminating 51.6 million metric tons of CO₂, eliminating 738,000 tons of NO_x, and eliminating 37,000 tons of particulate matter.

Closing

Environmental stewardship is a journey, and our on-going efforts will remain directed toward continual improvement of our products, processes and culture.

We do this not because it's popular; We do it because it's the right thing to do.

For questions or comments about JELD-WEN's sustainability platform, contact us at enquiry@jeld-wen.com.