

JELD-WEN®

WINDOWS & DOORS



A philosophy worth living



At JELD-WEN, sustainability is nothing new. With origins rooted in wood product manufacturing, our legacy has been to make windows, doors and components in a manner consistent with efficient use of what nature provides. In effect, we've always strived to make stiles and sash, not sawdust. To us, replenishing our environment and minimizing waste have always made good ecological and business sense. Our mission is to develop high performance, high-value products that satisfy our customers' needs, while also caring for our communities by seeking ways to reduce our impact on the environment. We also realize that there is still work to be done. Sustainability 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.

Supporting sustainability

GREEN BUILDING INITIATIVE (GBI)

JELD-WEN is a member of GBI, a nonprofit organization that promotes environmentally progressive approaches that are practical, affordable and accessible to mainstream builders, architects and developers.



ENERGY STAR®

We have been an ENERGY STAR® partner since 1998 and make many ENERGY STAR qualified windows and doors that conserve energy and help lower heating and cooling costs.



RECYCLED MATERIALS

JELD-WEN uses recycled and reused wood fiber to produce SCS-certified Molded interior doors and Wood Composite garage doors. Additionally, we have historically recycled wood, vinyl, glass and aluminum in our manufacturing processes.



SUSTAINABLE FORESTRY INITIATIVE (SFI)

SFI's land stewardship philosophy integrates the perpetual growth and harvesting of trees with wildlife, plant, soil, water and air quality protection. We hold SFI Chain of Custody certification at multiple manufacturing locations.



AURALAST® WOOD

For increased durability, we make solid pine windows, doors and door frames with AuraLast® wood, which is a proprietary, water-based protection process. Compared to the dip-treat process typically used in the industry, our AuraLast wood process decreases VOCs released during production by 96%.



MULTIPLE LOCATIONS

Our multiple manufacturing facilities let us build products in closer proximity to more population hubs than our competitors. This reduces fuel consumption and greenhouse gas emissions.



EFFICIENT INSTALLATION

JELD-WEN continues to develop installation methods and offer innovative materials like Tegra Tite for our windows, which make the application of our products more weather tight and energy efficient.



CONTINUING EDUCATION

As an American Institute of Architects (AIA) Cornerstone Partner, we sponsor continuing education for architects to help them design sustainable homes and buildings.



Real life responsibility



JELD-WEN® windows and doors continue to be used in projects that have earned sustainability certifications. Examples are shown here.



LEED® PLATINUM CERTIFIED AIA BUILDING
PORTLAND, OREGON

Locally produced ENERGY STAR® qualified windows and patio doors add ample daylighting.



LEED® GOLD CERTIFIED BRASADA RANCH®
POWELL BUTTE, OREGON

Durable AuraLast® wood windows maximize daylighting and are ENERGY STAR qualified.

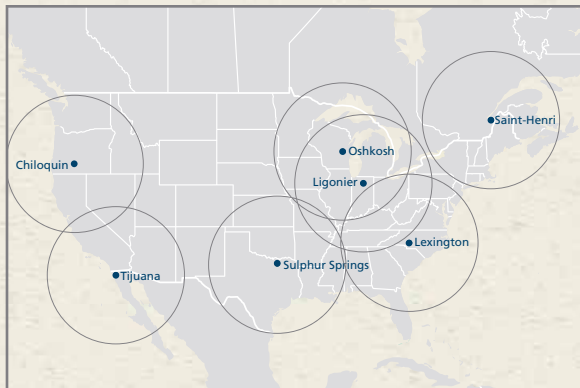


LEED® CERTIFIED *SUNSET* MAGAZINE IDEA HOUSE
SAN FRANCISCO, CALIFORNIA
ENERGY STAR qualified windows and patio doors are made from enduring AuraLast® wood.

*This guide is just one element of our green story.
Learn more at jeld-wen.com/environmental.*

SMART DISTRIBUTION

Our multiple manufacturing facilities allow us to build products in closer proximity to more population hubs than our competition. This reduces fuel consumption and greenhouse gas emissions.



To learn more, visit jeld-wen.com/environmental

RELIABILITY for real life®



This brochure is printed on paper with 30% post-consumer recycled content.

©2008 JELD-WEN, inc.; JELD-WEN, AuraLast and Reliability for real life are trademarks or registered trademarks of JELD-WEN, inc., Oregon, USA. All other trademarks are the property of their respective owners.

JELD-WEN reserves the right to change product specifications without notice. Please check our website, www.jeld-wen.com, for current information.

10-571 10/08 (SB 5M 1824)

JELD-WEN
WINDOWS & DOORS



Exterior doors



PART OF THE GREEN PICTURE

Whether you choose wood, fiberglass or steel exterior doors from JELD-WEN, you can make a choice that supports sustainable construction.

Our exterior doors can be paired with AuraLast® wood door frames, which are produced with a proprietary, water-based wood protection process that results in a 96 percent decrease of VOCs released during production (compared to traditional, mineral-based dip treatments common to the industry). Since AuraLast wood protects against wood decay, water saturation and termites, it helps to significantly increase product life. In addition to door frames, select JELD-WEN Premium Wood exterior doors are made with Pine AuraLast wood.

We now also offer Custom Wood exterior doors made using Juniper, which has been identified as an “invasive specie” in certain regions, and is an environmentally sound choice for a couple of reasons. First, since Juniper is typically seen as a throwaway wood, using it to make doors prevents waste.

Using Juniper also removes the threat it can cause to our native forests and grasslands due to its high water consumption.

JELD-WEN exterior doors can be configured as ENERGY STAR qualified for different geographic regions. These doors will help conserve energy and decrease home heating and cooling costs.



THIRD-PARTY CERTIFICATIONS

Using select JELD-WEN® exterior doors may help a project achieve third-party certifications, such as LEED®, Green Globes™ or NAHB®. The charts below illustrate how select JELD-WEN exterior doors may help designers and builders achieve third-party project certification.

NAHB® RESIDENTIAL GREEN BUILDING STANDARD†

	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY
How JELD-WEN meets criteria	No additional finish	Termite-resistant materials	Non-traditional materials	Locally produced
Exterior doors	2.1.5 (W,F)	2.2.8 (W,S,F)	2.7.1 (S,F)	2.8.2* (W,S,F)

GREEN GLOBES™

	PROJECT MANAGEMENT	ENERGY EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	INDOOR ENVIRONMENT
How JELD-WEN meets criteria	Environmental purchasing	Building envelope ENERGY STAR®	Embodied energy	Locally produced	Durable components	Thermal comfort
Exterior doors	A.2 (W,S,F)	C.2 (W,S,F)	E.1 (W)	E.2* (W,S,F)	E.4 (W,S,F)	G.4 (W,S,F)

LEED®- NC 2.2

	ENERGY & ATMOSPHERE	MATERIALS & RESOURCES	ENVIRONMENTAL QUALITY	INNOVATION DESIGN
How JELD-WEN meets criteria	Energy performance	Locally produced	Increased ventilation	Process improvement
Exterior doors	Req. 2 (W,S,F)	MR 5.1, 5.2* (W,S,F)	EQ 2.0 (W,S,F)	ID 1.1** (W)

LEED®- H

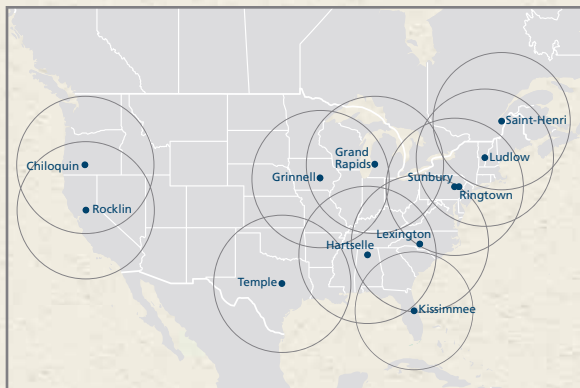
	ENERGY & ATMOSPHERE
How JELD-WEN meets criteria	Energy efficiency
Exterior doors	Req. 1.1 (W,S,F)

W = Wood S = Steel F = Fiberglass

†Pending ANSI review *Multiple manufacturing locations. (Dependent upon project geography) **In submittal for Cascadia USGBC "Living Building Challenge"

SMART DISTRIBUTION

Our multiple manufacturing facilities allow us to build products in closer proximity to more population hubs than our competition. This reduces fuel consumption and greenhouse gas emissions.



To learn more, visit jeld-wen.com/environmental

RELIABILITY for real life®



This brochure is printed on paper with 30% post-consumer recycled content.

©2008 JELD-WEN, inc.; JELD-WEN, AuraLast and Reliability for real life are trademarks or registered trademarks of JELD-WEN, inc., Oregon, USA. All other trademarks are the property of their respective owners.

JELD-WEN reserves the right to change product specifications without notice. Please check our website, www.jeld-wen.com, for current information.

10-570 10/08 (SB 5M 1824)

JELD-WEN
WINDOWS & DOORS



Molded interior doors



PART OF THE GREEN PICTURE

Almost 40 years ago, JELD-WEN perfected a proprietary process for using wood waste to make facings for our Molded interior doors. Today we continue to use recycled materials to produce hundreds of thousands of interior doors, which are Scientific Certification Systems (SCS) certified for their recycled wood fiber content. Doing so is one way JELD-WEN supports sustainable construction.

JELD-WEN also strives to be among industry leaders in producing Molded interior doors with no added formaldehyde. We produce molded door skins which are formulated with no added formaldehyde, and meet 2009 regulation improvements. When configured with hollow core and wood stiles, rails and lock blocks, our Molded interior doors can be labeled NAF or “No Added Formaldehyde.” NAF molded solid core door options may also be available in your region. The reason we don’t use the terminology “formaldehyde free” is because formaldehyde is a naturally occurring compound produced by plants, such as leaves when they change colors and wood as it dries.



THIRD-PARTY CERTIFICATIONS

Using select JELD-WEN® Molded interior doors may help a project achieve third-party certifications, such as LEED®, Green Globes™ or NAHB®. The charts below illustrate how select JELD-WEN Molded interior doors may help designers and builders achieve third-party project certification.

NAHB® RESIDENTIAL GREEN BUILDING STANDARD†

	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	INDOOR ENVIRONMENTAL QUALITY
How JELD-WEN meets criteria	Recycled content	Non traditional materials	Locally produced	Indoor pollutant sources
Molded Interior doors	2.4.1	2.7.1	2.8.2*	5.1.5**

GREEN GLOBES™

	PROJECT MANAGEMENT	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	INDOOR ENVIRONMENT
How JELD-WEN meets criteria	Environmental purchasing	Embodied energy	Recycled content	Locally produced	Indoor pollutants
Molded Interior doors	A.2	E.1	E.2	E.2*	G.2**

LEED®-NC 2.2

	MATERIALS & RESOURCES	MATERIALS & RESOURCES	ENVIRONMENTAL QUALITY
How JELD-WEN meets criteria	Recycled content	Locally produced	Low-emitting materials
Molded Interior doors	MR 4.1, 4.2	MR 5.1, 5.2*	EQ 4.4**

LEED®-H

	MATERIALS & RESOURCES
How JELD-WEN meets criteria	EPP
Molded Interior doors	MR 2.2

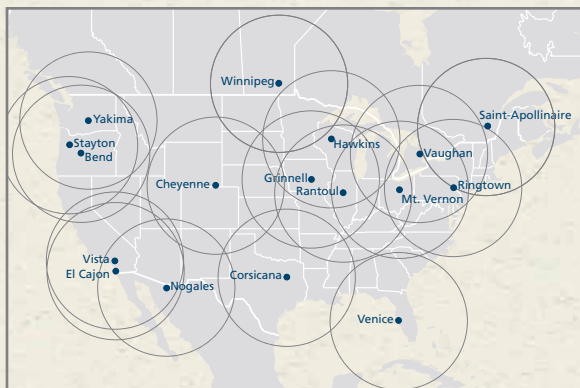
*Pending ANSI review

**Multiple manufacturing locations.(Dependent on project geography)

**Will meet phase I of California's 2009 "No added formaldehyde" requirement

SMART DISTRIBUTION

Our multiple manufacturing facilities allow us to build products in closer proximity to more population hubs than our competition. This reduces fuel consumption and greenhouse gas emissions.



To learn more, visit jeld-wen.com/environmental

RELIABILITY for real life®



This brochure is printed on paper with 30% post-consumer recycled content.

©2008 JELD-WEN, inc.; JELD-WEN, AuraLast and Reliability for real life are trademarks or registered trademarks of JELD-WEN, inc., Oregon, USA. All other trademarks are the property of their respective owners.

JELD-WEN reserves the right to change product specifications without notice. Please check our website, www.jeld-wen.com, for current information.

11-682 10/08 (SB 5M 1824)

JELD-WEN
WINDOWS & DOORS



Windows & Patio Doors



PART OF THE GREEN PICTURE

All of our windows & patio doors are built to be durable and energy efficient. Our exceptional warranties—lifetime for vinyl and 20 years for wood—and ENERGY STAR® qualifications prove it. In fact, most JELD-WEN® windows & patio doors with Low-E or LoE³-366 glass are ENERGY STAR qualified, meaning they exceed the minimum energy efficiency criteria for specific climate regions (by as much as 45 percent in some cases). When using energy-efficient JELD-WEN windows & patio doors, our product design flexibility also allows for maximized natural daylighting and ventilation options, creating project interiors that are healthier and more productive.

Optimized glazing options are just one component that allows our windows & patio doors to be integrated into a green project. We make all our solid pine windows & patio doors with AuraLast® wood, which is created with a proprietary, water-based wood protection process that results in a 96 percent reduction of VOCs released during production (compared to traditional, mineral-based dip treatments common to the industry). Since AuraLast wood protects against wood decay, water saturation

and termites, it also helps to significantly increase product life, further supporting sustainable construction. What's more, JELD-WEN® Custom Wood windows & patio doors are now available with SFI-certified AuraLast wood.



Of course, vinyl meets the sustainability requirements for durability, but our vinyl windows & patio doors also meet material conservation goals, as they're produced using up to 15 percent recycled vinyl waste.



THIRD-PARTY CERTIFICATIONS

Using select JELD-WEN® windows & patio doors may help a project achieve third-party certifications, such as LEED®, Green Globes™ or NAHB®. The charts below illustrate how select JELD-WEN windows & patio doors may help designers and builders achieve third-party project certification.

NAHB® RESIDENTIAL GREEN BUILDING STANDARD†

	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	ENERGY EFFICIENCY
How JELD-WEN meets criteria	No additional finish	Termite-resistant materials	Flashing details	Certified wood	Non-traditional materials	Locally produced	ENERGY STAR® qualified windows
Vinyl windows	2.1.5	2.2.8	2.2.12	---	2.7.1	2.8.2*	3.3.1
Wood windows	2.1.5	2.2.8	2.2.12	2.6.2	2.7.1	2.8.2*	3.3.1

GREEN GLOBES™

	PROJECT MANAGEMENT	ENERGY EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY	INDOOR ENVIRONMENT	INDOOR ENVIRONMENT
How JELD-WEN meets criteria	Environmental purchasing	Building envelope ENERGY STAR®	Embodied energy	Locally produced	Certified wood	Durable components	Daylighting	Thermal comfort
Vinyl windows	A.2	C.2	---	E.2*	---	E.4	G.3	G.4
Wood windows	A.2	C.2	E.1	E.2*	E.2	E.4	G.3	G.4

LEED®-NC 2.2

	ENERGY & ATMOSPHERE	ENERGY & ATMOSPHERE	ENERGY & ATMOSPHERE	MATERIALS & RESOURCES	MATERIALS & RESOURCES	ENVIRONMENTAL QUALITY	ENVIRONMENTAL QUALITY	ENVIRONMENTAL QUALITY	INNOVATION DESIGN
How JELD-WEN meets criteria	Energy performance	Optimized performance	Renewable energy	Recycled content	Locally produced	Increased ventilation	System controllability	Daylighting	Process improvement
Vinyl windows	Preq. 2	EA 1.1	EA 2.1, 2.2	MR 4.1, 4.2	MR 5.1, 5.2*	EQ 2.0	EQ 6.1	EQ 8.1, 8.2	---
Wood windows	Preq. 2	EA 1.1	EA 2.1, 2.2	MR 4.1, 4.2	MR 5.1, 5.2*	EQ 2.0	EQ 6.1	EQ 8.1, 8.2	ID 1.1**

LEED®-H

	ENERGY & ATMOSPHERE	ENERGY & ATMOSPHERE	ENERGY & ATMOSPHERE	ENERGY & ATMOSPHERE	ENERGY & ATMOSPHERE	ENVIRONMENTAL QUALITY
How JELD-WEN meets criteria	Energy efficiency	Optimized performance	Windows	Daylighting	Renewable energy	Ventilation
Vinyl windows	Preq. 1.1	EA 1.2	EA 4.1-4.3	EA 8.2	EA 10.0	EQ 4.1, 4.2
Wood windows	Preq. 1.1	EA 1.2	EA 4.1-4.3	EA 8.2	EA 10.0	EQ 4.1, 4.2

† Pending ANSI review *Multiple manufacturing locations. (Dependent upon project geography) **In submittal for Cascadia USGBC "Living Building Challenge"

JELD-WEN
WINDOWS & DOORS



To learn more, visit jeld-wen.com/environmental

RELIABILITY *for real life*®



This brochure is printed on paper with 30% post-consumer recycled content.

©2008 JELD-WEN, inc.; JELD-WEN, AuraLast and Reliability for real life are trademarks or registered trademarks of JELD-WEN, inc., Oregon, USA. All other trademarks are the property of their respective owners.

JELD-WEN reserves the right to change product specifications without notice. Please check our website, www.jeld-wen.com, for current information.

10-572 10/08 (SB 5M 1824)



Garage doors



PART OF THE GREEN PICTURE

One way JELD-WEN supports sustainable construction is by using recycled materials in the production of our Wood Composite garage doors. In fact, each one features Scientific Certification Systems (SCS) certified facings and trim boards made using recycled wood fiber.

THIRD-PARTY CERTIFICATION

Using select JELD-WEN® Wood Composite garage doors may help a project achieve third-party certifications, such as LEED®, Green Globes™ or NAHB. The charts below illustrate how select JELD-WEN Wood Composite garage doors may help designers and builders achieve third-party project certification.



SUSTAINABLE
FORESTRY
INITIATIVE



NAHB® RESIDENTIAL GREEN BUILDING STANDARD†

	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY
How JELD-WEN meets criteria	Recycled content	Non-traditional materials
Garage doors	2.4.1	2.7.1

GREEN GLOBES™

	RESOURCE EFFICIENCY	RESOURCE EFFICIENCY
How JELD-WEN meets criteria	Embodied energy	Recycled content
Garage doors	E.1	E.2

LEED®-NC 2.2

	MATERIALS & RESOURCES
How JELD-WEN meets criteria	Recycled content
Garage doors	MR 4.1, 4.2

LEED®-H

	MATERIALS & RESOURCES
How JELD-WEN meets criteria	EPP
Garage doors	MR 2.2





Pillars of sustainability

Green

OUR COMMITMENT CONTINUES

JELD-WEN supports "a better way to build." Sustainably built projects, representing an integrated approach to construction, are healthier and more comfortable for their occupants than those built otherwise. Green building begins at the design stage, but because there is no single, accepted definition of "green," we share below the Pillars of Sustainable Construction as a starting point during the project's design process.

- Increased Energy Efficiency: Fewer resources to achieve the same result
- Appropriate Material Use: Locally produced, renewable, recyclable or reusable
- Water Conservation: All industry segments are impacted
- Indoor Environmental Quality: Healthier homes by design
- Durability: Reduce need for remanufacturing, re-mining or reharvesting

RELIABILITY *for real life*®



printed on paper with 30% post-consumer recycled content.

©2008 JELD-WEN, inc.; JELD-WEN, the JW icon, AuraLast, Reliability for real life and TegraTite are trademarks or registered trademarks of JELD-WEN, inc., Oregon, USA. All other trademarks are the property of their respective owners.

JELD-WEN reserves the right to change product specifications without notice. Please check our website, www.jeld-wen.com, for current information.

15-571 10/08 (SB 5M 1824)