

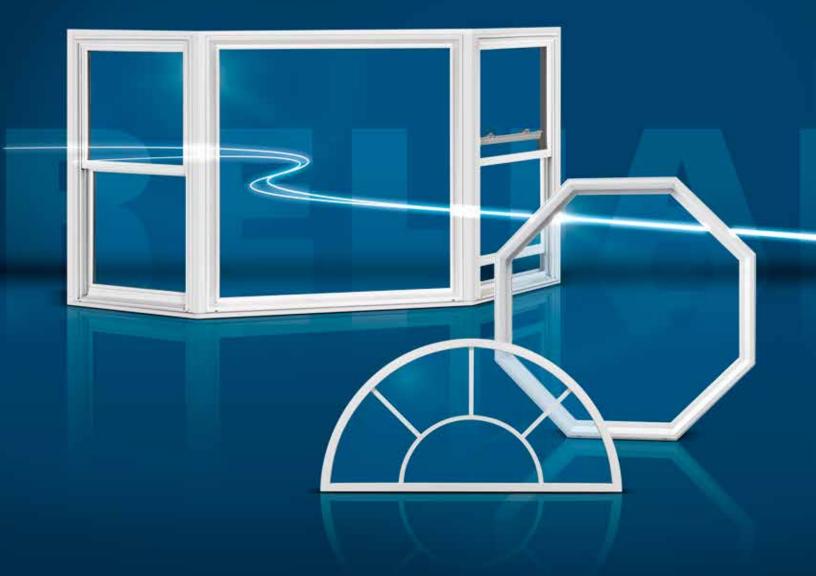
BUILDERS VINYL

WINDOWS & PATIO DOORS



BASICS DONE BETTER

Making a choice you're happy with today is one thing. Knowing you'll be satisfied years from now is a whole other challenge. But it doesn't have to be. JELD-WEN® Builders Vinyl windows and patio doors are made to be durable, energy efficient and attractive well into the future. They're built from high-quality extruded vinyl that resists fading and won't chip or peel, which means they're virtually maintenance-free. Also, our windows and patio doors with Low-E glass are ENERGY STAR® qualified and provide increased comfort and decreased energy bills.



Each Builders Vinyl window and patio door is backed by an industry-leading lifetime warranty that is transferable for 10 years. We even cover the labor to replace or repair defective products. To view the complete warranty, see page 33.

This catalog includes comprehensive information about features and specifications. For installation and care and maintenance instructions, visit www.jeld-wen.com/resources.





RELIABILITY FOR REAL LIFE



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INTERIOR

Interior Finishes -

Style Cam-Lock



Style Cam-Lock Finishes*













Desert

Chestnut Bronze

Antique Brass

Brushed Chrome

Polished Brass

White

Sand

WEN-Lock®









White Desert Sand

The WEN-Lock is our exclusive automatic locking system, which is available on our single-hung and slider windows. It features a slim profile that's easy to engage, as well as a tamper-resistant design. In fact, this lock has passed all forced-entry resistance tests. It also has a visible latch indicator (VLI) that lets you know if the window is locked. The VLI can be seen only from indoors.



Optional Secondary Stops

Popular flip-out vent stops limit sash opening to 4 inches, providing fractional ventilation on double-hung, single-hung and sliding windows.

A nylon lever and housing allow quick and easy release when the vent stop flips open. The lever flips back with an easy push of the finger when not needed.



Secondary stops are not a locking feature. Note: All options are subject to regional availability.

Contact your local JELD-WEN dealer for more information.

^{*}Actual colors may vary from the samples displayed and are subject to regional availability. Check with your dealer for details.

EXTERIOR



Frame Options



Flush Fin



Integral Nailing Fin



Pocket / Block Frame

Pocket frame available with slope sill adapter and head expander

Vinyl Colors*







Desert Sand

Almond**

- *Actual colors may vary from samples displayed.
- **Subject to regional availability.



PERFORMANCE GLASS OPTIONS

Neat® Glass



With this glass option you gain natural cleaning convenience. By harnessing the sun's UV rays (even when the sky is cloudy) to loosen dirt from the glass, rainwater can easily rinse away grime. No manual activation is required. For more information, visit www.jeld-wen.com

Tempered Glass

When glass is heat-treated during manufacturing, it is provided with extra strength, enabling it to withstand abnormal force or pressure on its surface—it will not break into sharp pieces. Local codes often require tempered glass to be used in all windows that are close to the floor or near doors, bathtubs or showers.

Laminated Glass

Laminated glass consists of panes of glass with an invisible interlayer, sandwiched together to create an extremely sturdy glass unit. This provides increased protection for home safety and from incidental impact; it also provides an improved barrier against sound and harmful UV rays.

ENERGY STAR®



Many JELD-WEN windows and doors are ENERGY STAR qualified, which means they exceed the minimum energy efficiency criteria for the climate region you live in.

JELD-WEN has been an ENERGY STAR partner since 1998.









Sound Performance

Your home should be a place where you can escape the sometimes hectic and noisy environments of modern living. For that reason, sound reduction is a major consideration when we design our products.

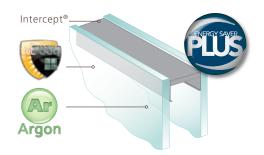
JELD-WEN vinyl windows are a vast improvement over single-pane windows that are found in many homes today.

The improvements in our products that address energy performance, such as multi-chamber frame designs, dual and triple glazing and enhanced weatherstripping make them sound efficient as well.

ENERGY SAVING GLASS OPTIONS

Clear Insulating Glass

This glass consists of two panes of glass, sealed with an airspace (this is a spacer in between the dual panes of glass), and the perimeter of the unit is sealed. This option offers maximum visible light transmittance and superb energy efficiency in most climates.



Energy Saver® Plus-REDUCE HEAT LOSS UP TO 40%

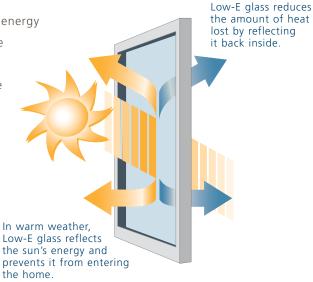
The best value in insulating glass, Energy Saver Plus includes, argon gas for improved thermal performance and Lodz-366 glass. With triple layers of Low-E coating, Lodz-366 helps you save energy through improved thermal performance, reduces solar heat gain and helps protect interior furnishing from fading.

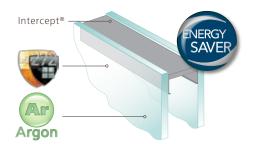
Energy Saver Plus reduces heat loss by 40% compared to clear insulating glass.

Low-E & LoE3-366 insulating Glass

Our standard high-performance Low-E insulating glass lowers energy costs, helps homes stay cooler in the summer and warmer in the winter, prevents fading of interior furnishings, and reduces condensation. It also delivers greater visible light transmittance than tinted glass. We also offer optional LoĒ3-366, which provides more protection against heat loss and fading, as well as greater energy savings.

Windows and patio doors with Low-E glass are ENERGY STAR® qualified, which means they exceed the minimum energy efficiency criteria for the climate region you live in (by as much as 40 percent). For more information, visit www.jeld-wen.com/energyefficiency.





Energy Saver®-REDUCE HEAT LOSS UP TO 30%

Offering the most cost-efficient energy upgrade, the Energy Saver package includes upgrades from clear to Low-E glass and argon gas for improved thermal performance. Energy Saver reduces heat loss by 30% compared to clear insulating glass.

In cold weather,

REDUCE GLARE, ENSURE YOUR PRIVACY

Textured Glass

Let light in while maintaining privacy with textured glass. We offer a wide range of textures to meet your aesthetic preferences. Four of our most popular choices are shown below.









Glue Chip

Obscure

Reed

Rain

Tinted Glass

Tinted glass reduces glare, and is ideal for areas that get a lot of direct sunlight in the summer. Below are our most popular options.





Gray

Bronze

Coated Glass: Low-E and LoE3-366 Insulated Glass

Our standard high-performance Low-E insulated glass lowers energy costs, helps homes stay cooler in the summer and warmer in the winter, prevents fading of interior furnishings, and reduces condensation. We also offer optional $Lo\bar{E}^3$ -366, which provides more protection against solar heat gain and fading, as well as greater energy savings.





Low-E

Lodz-366

Textures shown may not match exact finish

WINDOW OPENING CONTROL DEVICE

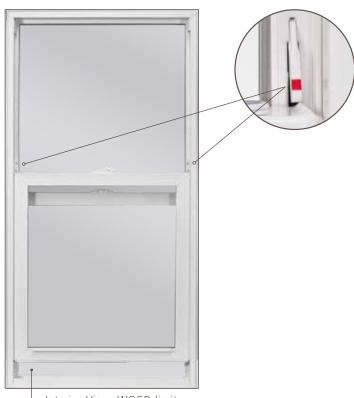
JELD-WEN® WOCD Meets ASTM F2090-10 Standard

Windows add so much to our daily lives - daylight, ventilation and views. They can also be necessary for emergency escape and rescue, so the building codes in your area may require certain windows to fully open. This means homeowners should take measures to prevent window falls. Factory-installed Window Opening Control Devices (WOCD) from JELD-WEN are designed to meet the ASTM F2090-10 standard intended to help prevent accidental falls from windows by children five years of age and younger. A WOCD automatically limits the sash opening to less than 4 inches, unless it is deliberately disengaged, allowing the sash to fully open. The streamlined design of the JELD-WEN® WOCD won't obstruct views and preserves the beautiful appearance of your windows, unlike many after-market window guards.

Double-Hung and Single-Hung WOCD



Window in closed position



Interior View. WOCD limits the sash opening to less than 4 inches

Features & Benefits

- » Streamlined design won't obstruct views like many after-market options
- » Automatically limits sash opening to less than 4 inches
- » Manual override for full operation and for emergency escape and rescue
- » Device automatically resets by closing the window
- » Meets the ASTM F2090-10 standard
- » Potential alternative to minimum sill height requirement (consult local building codes)



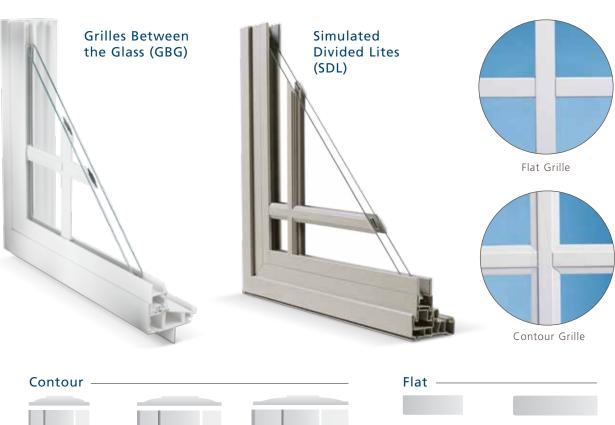
DECORATIVE GRILLES

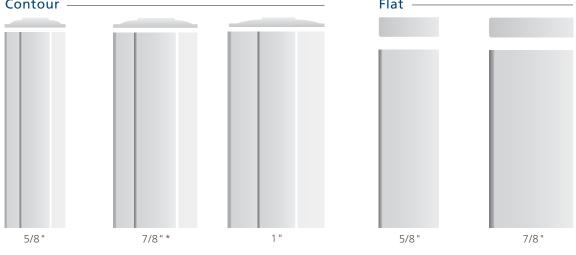
Grilles Between the Glass (GBG)

With Grilles Between the Glass, you'll enjoy the look of divided lites without any upkeep because they are placed between the two panes of insulating glass. Available in contour or flat in any of the sizes shown below.

Simulated Divided Lites (SDL)

For a true "paned" window look, our Simulated Divided Lites feature bars that are permanently adhered to both the interior and exterior glass; an optional shadow bar between the panes of glass is also available. Simulated Divided Lites are available in 7/8" contour slim profile.





Actual Size -



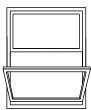
STYLES & CONFIGURATIONS



Window & Patio Door Styles



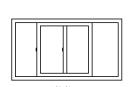
Double-Hung



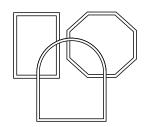
Single-Hung Tilt



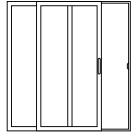
Single-Hung Side Load



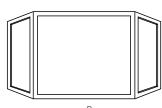
Sliding



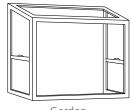
Fixed, Radius and Geometric



Sliding Patio Door



Bay



Garden



INSTALLATION & SILL DRAINAGE



Install With Ease

Our Builders Vinyl windows and patio doors are designed to be particularly easy to install in many applications.

From new or remodeled residential homes to light construction projects, our products have been tested to meet rating requirements up to DP 50 for light commercial buildings.

For complete instructions, see installation insert included with product, or visit **www.jeld-wen.com**

Tegra Sill Drainage & Flashing System





TegraTite™ Installation System

TegraTite streamlines the installation process, making it easy to install a sill drainage system under our Builders Vinyl windows and patio doors. Our sill drain mat (See "A" above) sits on the rough opening and directs any incidental water away from the wall, keeping it dry. Combine that with our butyl-based adhesive flashing tape (See "B" above) for a tighter, more energy-efficient installation.

Learn more about TegraTite at: www.jeld-wen.com



ANATOMY OF A JELD-WEN WINDOW



ANATOMY OF A VINYL WINDOW

- 1. Head
- 2. Simulated Divided Lite (SDL)
- 3. Glazing/glass
- 4. Sash
- 5. Side jamb
- 6. Stile
- 7. Rail
- 8. Sill

The window frame consists of the head, jamb, side jamb and sill



Each one of our windows and patio doors is built to last. We prove this by supporting each product with our limited lifetime warranty.



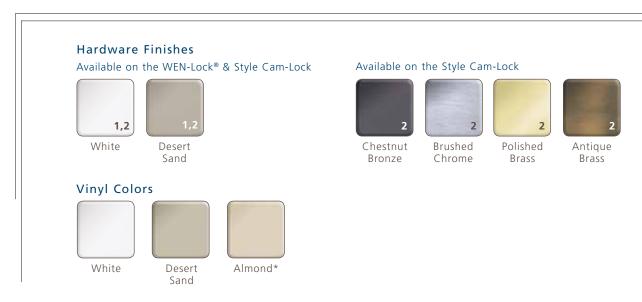


SINGLE-HUNG: TILT-SASH & SIDE-LOAD



Side-Load (Western US) This type of window has a stationary top lite and a bottom sash that slides vertically. The bottom sash may be removed, allowing the homeowner to easily clean their windows.

Tilt-Sash (Eastern US) Each of our single-hung tilt sash windows includes a stationary top lite and a bottom sash that slides vertically. The ability to tilt the bottom sash in makes cleaning this window particularly easy.





DOUBLE-HUNG TILT-SASH WINDOWS



A double-hung window features an upper and a lower sash that slide vertically past each other in a single frame. Both sash tilt in for convenient cleaning. In addition, our double-hung windows can be paired with fixed, radius and geometric windows.

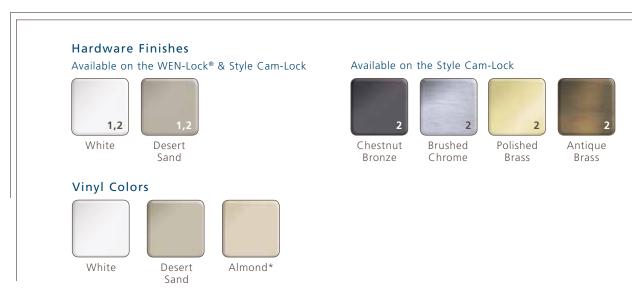




HORIZONTAL SINGLE SLIDING WINDOWS

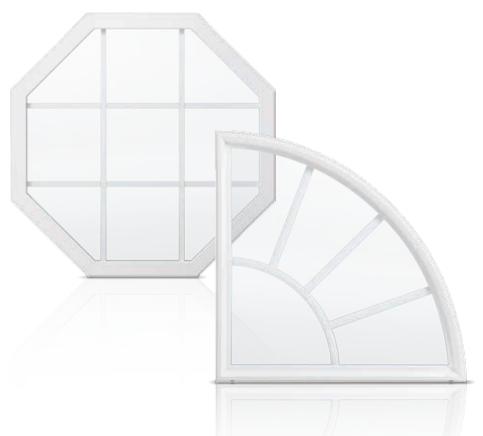


Slider windows are composed of two sash each—one that's stationary and one that slides to the left or right on tracks. The operating sash can be removed to make cleaning a snap.

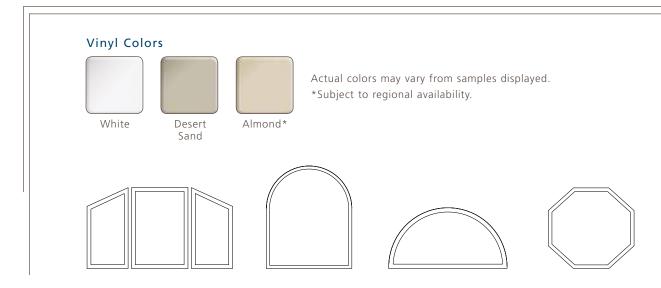




FIXED, RADIUS AND GEOMETRIC WINDOWS



Our fixed, radius and geometric windows come in a wide variety of shapes, with either curved or straight frames. We design them to be used as freestanding units or in combination with other vinyl windows and patio doors. Additionally, we offer fixed, radius and geometric styles with thicker frames to be used exclusively with double-hung windows.





SLIDING PATIO DOORS





Optional Blinds Between the Glass†



Retractable Screens Optional



Adjustable Stainless Steel Rollers

This type of patio door opens by sliding along horizontal stainless steel tracks at the head and sill; adjustable metal rollers ensure easy operation. Our sliding patio doors are fully assembled with either a right or left operating panel.

†Available with or without Low-E glass.

Hardware Finishes



Vinyl Colors



Actual colors may vary from samples displayed. *Subject to regional availability.

Pet Panel Option Available





- » Slides vertically to allow outdoor access
- » Available in standard 6'0" x 6'8" sizing
- » Features the award winning WEN-Lock®, for security
- » Magnetic pull on the pet flap, to prevent it from being blow-in in by strong winds
- » Panel is available in medium, large, and extra-large sizes
- » Visit www.jeld-wen.com or see your local dealer for complete sizing information



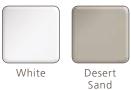


BAY WINDOWS



Think outside the box. With Bay windows, you can add a new dimension to your living space. Bay windows open up a space and can provide a shelf for plants or decoration. All Bay windows come with head and seat boards and support systems for reliable installation.

Standard Hardware Finishes





Optional Hardware Finishes



Chestnut Brushed Bronze Chrome



Polished Brass



Antique Brass

Actual colors may vary from samples displayed. Hardware applies to Casement, Single & Double-Hung configurations only.

*Subject to regional availability

For life's mishaps, JELD-WEN has you covered.

Accidental Glass Breakage: On our Bravo, Primo and Ipex
Replacement window and patio door product lines, and on
any other vinyl Products ordered with the "RS" glass package,
our standard component warranty (Owner-Occupied or
Commercial) will extend to accidental glass breakage.

This coverage does not apply to damage attributable to acts of nature (e.g. fire, hurricane, etc.), civil disorder, building settling, structural failures of walls or foundations or improper installation, construction job-site mishaps, storage, or handling.

Special glazings and ImpactGard glass are not covered by this glass breakage warranty.



JELD-WEN® VINYL WINDOW & PATIO DOOR LIMITED WARRANTY **OUR WARRANTY TO YOU...**

JELD-WEN® Products1 are designed to create lasting value for your home. This warranty is effective for all JELD-WEN vinyl Products (except United Collection products) manufactured on or after July 1, 2010 for use in the United States and Canada. Any previous warranties will continue to apply to products manufactured by JELD-WEN prior to this date. For additional information, including care and maintenance instructions, installation instructions, and previous warranties, refer to www.jeld-wen.com or www.jeld-wen.ca.

What this warranty COVERS

Except as set forth in the Special Coverages section below, we warrant that if your JELD-WEN Product exhibits a defect in material or workmanship within the time periods from the date of manufacture as specified below, we will, at our option, repair, replace or refund the purchase price of the Product or component part. Skilled labor² (where deemed necessary by us) to repair or replace any component is provided for two (2) years from the date of manufacture.

Owner-Occupied Single-Family Residence Lifetime Warranty

We warrant our Products to the original owner of the owneroccupied single-family residence in which they are initially installed for as long as you own and occupy your residence.

Transferability

The Owner-Occupied Single-Family Residence warranty is transferable as follows. In the event you sell your residence or it becomes occupied by other than the original owner, the warranty is ten (10) years from the date of manufacture.

Commercial Ten Year Warranty

(Other than Owner-Occupied Single-Family Residence)

We warrant our Products for a period of ten (10) years from the date of manufacture.

Transferability

The Commercial warranty is transferable as follows. In the event you sell the building, this warranty is transferable to subsequent owners.

Special Coverages (Applies to both Owner-Occupied and **Commercial**)

The following special coverages include free replacement parts.

ImpactGard® Glass: We warrant each ImpactGard glass unit for ten (10) years.

Special Glazings (including laminate glass units other than ImpactGard): We warrant special glazings (including glass options not listed in our product literature e.g., leaded or decorative glass) for five (5) years.

Blinds/Shades Between the Glass: We warrant the insulated glass unit (including the seal), the external control mechanism, and the operation of the shade/blind for ten (10) years.

Triple-Glazed Products: We warrant triple-glazed insulated glass units for twenty (20) years.

Spontaneous Glass Breakage: We warrant sealed glass units installed in windows and patio doors (excluding laminated glass, and special glazings) for spontaneous breakage for one (1) year (to include free replacement glass and skilled labor² necessary to replace the glass for one (1) year. Spontaneous breakage occurs when the glass develops a crack without sign of impact.

Retractable Screens: We warrant retractable roll screens for five (5) years.

Colored Exterior and Laminated Interior: We warrant that our factory-applied painted exterior color and factory-applied laminate interior finishes will not peel, blister, or flake for ten (10) years. Our applied exterior color will not exhibit excessive color change³ for **ten (10)** years. Note: this coverage does not extend to discoloration, polish, surface damage, or alteration caused by the use of natural or chemical solvents or an environmental factor causing such damage.

Accidental Screen Damage: On our Bravo, Primo and Ipex Replacement window and patio door product lines, our standard component warranty (Owner-Occupied or Commercial) will extend to screen damage unless the damage is attributable to acts of nature (e.g. fire, hurricane, etc.), civil disorder, building settling, structural failures of walls or foundations or improper installation, construction job-site mishaps, storage, or handling.

Accidental Glass Breakage: On our Bravo, Primo and Ipex Replacement window and patio door product lines, and on any other vinyl Products ordered with the "RS" glass package, our standard component warranty (Owner-Occupied or Commercial) will extend to accidental glass breakage. This coverage does not apply to damage attributable to acts of nature (e.g. fire, hurricane, etc.), civil disorder, building settling, structural failures of walls or foundations or improper installation, construction job-site mishaps, storage, or handling. Special glazings and ImpactGard glass are not covered by this glass breakage warranty.

How To Get Assistance

If you have a problem with your JELD-WEN Product, contact the dealer/distributor or contractor from whom you purchased your product or contact us directly:

In the United States:

Mail: JELD-WEN Customer Care

Attn: Vinyl Warranty Claims

P.O. Box 1329, Klamath Falls, OR 97601 888-JWHelpU (888-594-3578)

Phone:

800-436-5954 Fax:

Fmail: CustomerServiceAgents@jeld-wen.com

In Eastern Canada:

JELD-WEN Service Department Mail:

90, rue Industrielle

Saint-Appollinaire, Quebec, Canada GOS 2EO

Phone: 800-463-1930 888-998-1599 Fax:

In Western Canada:

Mail: **JELD-WEN Service Department**

550 Munroe Avenue

Winnipeg, Manitoba, Canada R2K 4H3

Phone: 888-945-5627 204-668-8230 204-663-1072 Fax:

Email: wpgservice@jeld-wen.com

We can respond quickly and efficiently if you provide the following: a) product identification (from the original order/invoice, spacer code, permanent label, or the window identification number found on corner of glass), b) how to contact you, c) the address where the product can be inspected, and d) a description of the apparent problem and the product (photographs are helpful).

What We Will Do

Upon receiving your notification, we will send out an acknowledgement, usually within three business days. We will investigate your claim and will begin to take appropriate action within 30 days after notification. If it is determined that the Product does not have a defect covered by the labor warranty, we may charge an inspection fee for any onsite inspection that is required or requested by you. Because manufacturing materials and techniques can change, replacement part(s) may not be an aesthetic match to the original. Replacement components/ products are warranted for the balance of the original product warranty or 90 days, whichever is longer. If we determine we are unable to provide replacement parts and repair is not practicable or cannot be made timely, then we will refund the unit/component purchase price.

What This Warranty Does NOT Cover

JELD-WEN is not liable for:

- Normal wear and tear; natural weathering of surfaces.
- Normal wear and tear to hardware and naturally occurring changes to hardware finishes (e.g., corrosion or tarnishing).
- Damage caused by chemicals (e.g. brick wash) or a harsh environment (e.g., salt spray or airborne pollutants).
- Product failure due to misuse or abuse; damage caused by failure to provide maintenance, by alteration or modification to the window (e.g. customer applied tints or films, paint finishes, security systems), or as a result of any cause beyond the control of JELD-WEN (e.g. fire, flood, earthquake, other acts of nature, and acts of third parties outside of our reasonable control).
- Glass breakage (except as specifically covered above).
- Slight imperfections or wavy distortions in the glass that don't impair structural integrity. Note: wavy distortions in the glass (e.g. related to laminate interlayer or heat strengthening of glass) are not considered a defect. Slight color variations in glass are not considered a defect.
- Improper installation not in conformance with JELD-WEN installation instructions (note: see www.jeld-wen.com for current installation instructions); operational problems and problems related to water and/or air infiltration/leaking as a result of improper installation or flaws in building design or construction.
- Damage or poor product performance resulting from installation into a condition that exceeds product design standards and/or certified performance specifications and/or is not in compliance with building codes.
- Damage caused by extreme artificial temperature buildup or exposure (e.g., where storm doors/windows are present).
- Product or component performance decline due to aging, inert gas dissipation, natural processes or failure to provide proper maintenance. Note: Other than inert gas loss due to seal failure, the migration of an inert gas, such as argon, is a natural process that occurs over time and is not a defect.
- Screen damage due to normal wear and tear, misuse, abuse, or insect or animal activity (except as specifically covered above).
- Condensation or damage as a result of condensation (Note: unless due to insulating glass failure, most condensation problems are related to excessive humidity levels in a structure. Contact a heating/air conditioning specialist for help).
- Labor and materials for repainting or refinishing activities or the removal or disposal of defective product(s); labor exceeding the time periods specified above.

Incidental or consequential damage. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this may not apply to you.

Important Legal Information

This Limited Warranty document sets forth our maximum liability for our products. We shall not be liable for special, indirect, consequential, or incidental damages. Your sole and exclusive remedy with respect to any and all losses or damages resulting from any cause whatsoever shall be as specified above. We make no other warranty or guarantee, either express or implied, including implied warranties of merchantability and fitness for a particular purpose to the original purchaser or to any subsequent user of the product, except as expressly contained herein. In the event state or provincial law precludes exclusion or limitation of implied warranties, the duration of any such warranties shall be no longer than, and the time and manner of presenting any claim thereon shall be the same as, that provided in the express warranty stated herein. This Limited Warranty document gives you specific legal rights, and you may have other rights that vary from state/province to state/province.

No distributor, dealer or representative of JELD-WEN has the authority to change, modify or expand this warranty. The original purchaser of this Product acknowledges that they have read this warranty, understand it and are bound by its terms and agrees to provide this warranty to the original owner of the structure into which the Product is installed.

- ¹ "JELD-WEN Products" shall refer to vinyl window and patio door products (except United Collection products) manufactured in the United States and/or Canada and marketed under the JELD-WEN brand name for use in the United States and/or Canada. See our separate United Collection warranty, or our Export Warranty for applicable coverage on products used outside the United States and Canada.
- ² "Skilled labor" refers to tasks where specialized technical knowledge, experience, methods or tools are required to properly identify, diagnose and/or correct product-related problems.
- ³ Fading or changing in color of the applied exterior color finish is not a defect unless it exceeds five (5) E units, calculated in accordance with ASTM D2244, paragraph 6.2. Color change shall be measured on an exposed colored surface that has been cleaned of soils, and the corresponding values measured on the original or unexposed colored surface. Fading or color changes may not be uniform if the surfaces are not equally exposed to the sun and elements. If the above ASTM standards change, the standard in effect at the time of purchase applies. As an option to replacement, we may choose to refinish the product.

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ABOUT JELD-WEN



Since 1960, when JELD-WEN began with one Oregon millwork plant, we've been dedicated to crafting reliable windows and doors. Today you can see, touch and feel reliability in our beautiful windows and doors because of their durability, energy efficiency and worry-free performance.

We measure our success by the relationships we build with our customers, suppliers and communities where we live and work. We've partnered with organizations such as the Green Building Initiative, which accelerates green-building practices by promoting environmentally progressive approaches that are practical, affordable and accessible.

Another way we fulfill our commitment to the communities where we operate, is through the JELD-WEN Foundation, which was created in 1969 to support worthwhile endeavors in the communities where JELD-WEN operates.

JELD-WEN is an official partner of Major League Soccer and the Portland Timbers, as well as a founding member of the Portland Timbers Community Fund. Our soccer partnerships help us connect with grass roots efforts that build strong communities.

Every time the Timbers score a goal, we sponsor a tree to be planted through Friends of Trees.



The JELD-WEN website is your ultimate resource for learning about our reliable windows and doors. It has all the product information and design advice you need. Visit us at **jeld-wen.com** today.







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