

## IMPACT RESISTANT GLASS



[www.jeld-wen.com/impactgard](http://www.jeld-wen.com/impactgard)



This glass stands up to strong impacts from wind-borne debris as well as harsh coastal conditions.

In fact, ImpactGuard® features the industry's leading laminated glass technology that can withstand a nine-pound piece of lumber striking it head-on at approximately 34 miles per hour. It also reduces sound transmission, blocks up to 95 percent of harmful UV rays and enhances home security.



Left shows a standard window, right shows how ImpactGuard resists the impact from wind borne debris.



### Safe Impact-Resistance

During a severe storm, a broken window can affect a home's structural integrity (see illustrations). Windows and patio doors with ImpactGuard protection are designed to resist impacts so even if the glass cracks, the fragments will adhere to the interlayer, so the shards remain within the frame. ImpactGuard protection also meets the nation's toughest building codes.



### Sound Decreased Sound Transmission

Unwanted outdoor noise is noticeably dampened with ImpactGuard glass.



### Secure Forced-Entry Resistance

Windows and patio doors with ImpactGuard protection resist forced entry. Because the interlayer separating the panes helps resist a potential intruder's glass cutter, break-ins are less likely.

The JELD-WEN website is your ultimate resource for learning about our windows and doors. It has all the product information and design advice you need. Visit us at [jeld-wen.com](http://jeld-wen.com) today.



## THE JELD-WEN PROMISE

JELD-WEN products create lasting value for your home. We are so confident that you will be pleased with our Vinyl Windows and Patio Doors, that each one carries our industry-leading warranty. Here are just some of the highlights of our warranty...

### The Vinyl Window & Patio Door Lifetime Limited Warranty Includes:

- » Limited lifetime coverage against defects in material and workmanship for most product components (such as insulating glass, vinyl and metal components, and hardware) for as long as you own and occupy your home.
- » 10-year coverage on blinds and shades between the glass
- » 10-year coverage on colored exterior
- » Coverage is transferable for 10 years

*NOTE: The above information is a summary of key provisions of the JELD-WEN Vinyl Window & Patio Door Lifetime Limited Warranty effective July 1, 2010. For a complete copy of the current warranty, see your sales associate or refer to [www.jeld-wen.com](http://www.jeld-wen.com).*



Each one of our windows and patio doors is built to last. All of our vinyl windows and patio doors come with our lifetime limited warranty.



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JELD-WEN reserves the right to change product specifications without notice. Please check our website, [jeld-wen.com](http://jeld-wen.com), for current information.

11-737 12/13 (HPS 3M)



## Premium Atlantic Vinyl

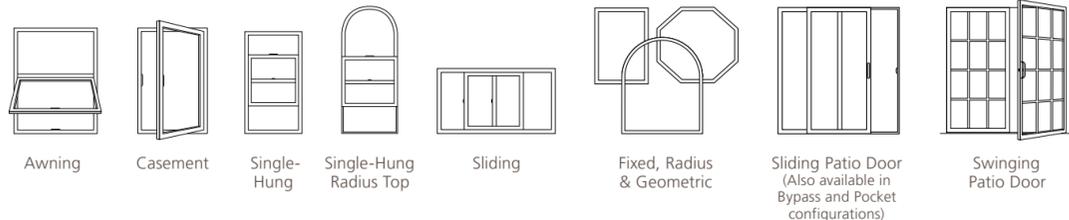
Window & Patio Door Features

Awning | Casement | Single-Hung | Sliding  
Fixed, Radius & Geometric | Patio Door



## DEFINING DESIGN DETAILS

### Window and Patio Door Styles

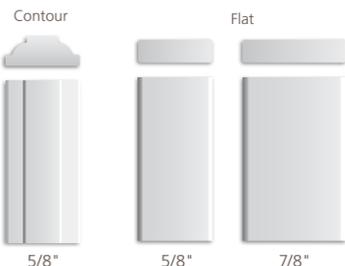


### Vinyl Colors\*



\*Actual colors may vary from samples displayed.  
\*\*Exterior only. Interior is white.

### Divided Lites



### Frame Options

#### Integral Nailing Fin

Formed as part of the frame for strength and stability.

#### J-channel

Allows siding to be tucked out of sight for a clean line.

#### Brickmould

An exterior casing providing a boundary between siding and frame.

#### Box Frame

Places directly into existing window frame for easy installation.

#### Face Flange

Used for installation into wood buck in concrete block construction.

#### Flange Extender

(Flush Fin) 2-3/8"

### Blinds Between the Glass (BBG)†

These blinds are thermally sealed between the glass - so there's no need for dusting.

They easily raise, lower and tilt to give you control of light and privacy.

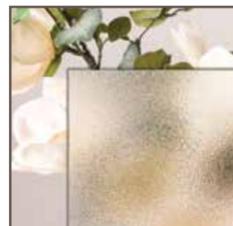
†Available in sliding door configurations with 3'0" x 6'8" panels



## TEXTURED & TINTED GLASS

### Textured Glass

Let light in while maintaining privacy with textured glass.



Obscure

### Tinted Glass

Tinted glass reduces glare, and is ideal for areas that get a lot of direct sunlight in the summer.



Clear



Green



Azurlite



Bronze



Gray



Bronze Reflective



Gray Reflective



Graylite

## ENERGY SAVING GLASS

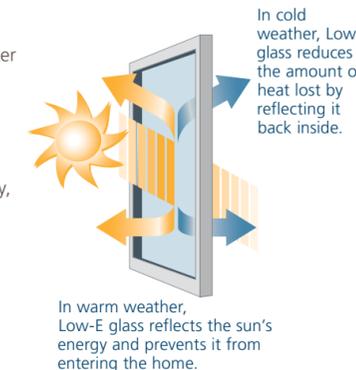
### Low-E and LoE<sup>3</sup>-366 Insulating Glass

High-performance Low-E insulating glass comes standard and helps lower fading of interior furnishings, and reduces condensation. It also delivers greater visible light transmittance than tinted glass. We offer optional LoE<sup>3</sup>-366, which provides even more protection against heat loss and fading, as well as greater energy savings. Most windows and patio doors with Low-E glass are ENERGY STAR<sup>®</sup> qualified. ENERGY STAR products help Americans save energy, save money and reduce their carbon footprints. ENERGY STAR criteria for windows are based on the U-factor and Solar Heat Gain Coefficient (SHGC) combinations that provide significant energy efficiency for a given climate zone. It's easy! Just tell your JELD-WEN dealer you want JELD-WEN windows that are ENERGY STAR qualified for your climate zone.

For more information, visit [www.jeld-wen.com/energyefficiency](http://www.jeld-wen.com/energyefficiency).



Many JELD-WEN windows and doors are ENERGY STAR qualified. Homeowners can save energy—and money—by replacing old windows with ENERGY STAR qualified windows and pay a 7-15 percent lower household energy bill. Lower energy consumption also reduces greenhouse gas emissions from power plants and shrinks a home's carbon footprint. JELD-WEN has been an ENERGY STAR partner since 1998.



### LoE<sup>2</sup>-240 - Meets Turtle Lighting Code



Each May through October on the coast of Florida, sea turtles make their way up the beaches to lay their eggs. About two months later, their hatchlings emerge and head towards natural light sources that reflect off the water (such as the moon or stars) in order to make their way to the sea. Today though, many hatchlings instead head further inland to their deaths; confused by the lights of beach front homes and properties.

Because of the sea turtles' endangered status, Florida building codes require new construction with a direct line-of-sight to the beach to install glass with a visible light transmission (VLT) of 45% or less. LoE<sup>2</sup>-240 has a VLT of 40% and not only meets this code, but exceeds it.



### Neat<sup>®</sup> Glass (Available on LoE<sup>3</sup>-366 only)

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.

