STORM SHUTTERS HAVE MET THEIR MATCH.
Neither Wind Nor Rain Nor Hurricane.

The FeelSafe windows and patio doors in John and Ann Sottile's coastal Florida home have definitely proven themselves. Despite successive direct hits by hurricanes Charley, Frances and Jeanne, the Sottiles had no window damage or water damage whatsoever. Not even so much as a crack or leak.

Surprising? Not really. FeelSafe windows are engineered and built to withstand the rigors of hurricanes, other severe storms and even the most determined burglar. They feature high-strength, shatter-resistant, laminated glass that stands up to fierce winds, pounding rain, wind-borne debris and rapid pressure changes that could implode your home or literally blow off the roof.

All components of FeelSafe windows are specifically designed and constructed to achieve superior levels of impact resistance, water repellency, safety and security. As a result, FeelSafe windows meet or exceed the toughest structural codes you can find in the coastal regions.

FeelSafe windows and patio doors give you the following additional advantages:

- Enhance family safety & security by keeping intruders out.
- Block 99% of all UV rays.
- Reduce outside noise by as much as 50%.
- Are Energy Star® rated for superior energy efficiency.
- Satisfy even a perfectionist with their beauty and craftsmanship.
You Should Feel Safe In Your Own Home.

If you're building a new home in a coastal area, you already know about hurricanes. You certainly don't need to look at a map to learn whether you're at risk. Instead, what you need to know is what's the best way to protect your family, your keepsakes and your investment.

The answer is FeelSafe windows and patio doors.

While traditional glass will shatter into thousands of pieces on impact, FeelSafe laminated glass remains intact. This very significantly reduces the risk of injury to you and your family, while it also protects everything inside your home from severe wind and water damage.

Yet there’s another danger that’s even worse. In a hurricane, the atmospheric pressure outside your home varies dramatically from the pressure inside. If one window bursts, the outside pressure rushes in—potentially blowing the roof off your home or taking it all down. However, since FeelSafe laminated glass remains intact, it keeps the storm outside and preserves the building envelope.

FeelSafe passes the cannon test.

FeelSafe products are proven to be hurricane-resistant. In an independent testing lab, a special cannon shoots a 9-pound 2x4 (that’s about 7 feet of board) into the glass at 30 feet per second. The test requires as many as three shots.

The board can’t penetrate the glass or rip it out of the sash. Then the window or patio door must endure 9,000 positive & negative pressure cycles simulating hurricane conditions... and still operate afterwards.
ENGINEERED FOR EXTREME CONDITIONS AND EVERYDAY COMFORT.

Non-Insulated FeelSafe windows & patio doors.

- Flexible installation methods including "through frame" and nailing fin.
- Structural sealants throughout for extreme adhesion.
- Blocks 99% of UV rays.
- Extra heavy-duty .05" thick extruded aluminum structural nailing fin standard.
- Protected by CoreGuard™, the best wood protection in the business.

Better than shutters.

Why not just use storm shutters? Primarily because they need to be installed, removed, stored away and then installed again. And they only work when they’re up. So that means that if a storm strikes when you’re not home, you’re out of luck.

On the other hand, FeelSafe windows are always “up.” The protection is there even when you’re not. Plus, aesthetically, they’re invisible.

Insulated FeelSafe windows & patio doors.

- Flexible installation methods including "through frame" and nailing fin.
- Structural sealants throughout for extreme adhesion.
- Blocks 99% of UV rays.
- Extra heavy-duty .05" thick extruded aluminum structural nailing fin standard.
- Protected by CoreGuard™, the best wood protection in the business.
Our laminated glass is extremely strong, but it’s only one of our strengths.

Certainly, the most important component of every FeelSafe window is the high-strength, impact-resistant, laminated glass. Ours is the best available: perfectly strong, perfectly clear, and meets all ASTM E1300 requirements. But it’s just the beginning of what makes FeelSafe products so superior.

FeelSafe windows and patio doors are specially engineered inside and out to meet some of the highest air, water and structural performance ratings of any window or door in the United States.

We use only structural sealants; not standard silicone. We require special installation with additional anchorage. We use corrosion-resistant, 300 series stainless steel hardware and, wherever needed, upgrade to longer, stronger stainless steel screws. What’s more, Sierra Pacific’s thick aluminum cladding provides unrivaled durability and dent resistance.

But still, that’s just the beginning of our superiority.

Replacing, remodeling and reenergizing.

When you remodel or replace your old windows and patio doors with FeelSafe, you’re not just adding incredible storm protection. You’re also reenergizing your home with technologically advanced, energy efficient windows and doors. Insulated FeelSafe windows are six times more efficient than old-fashioned single-pane windows.

FeelSafe products are the perfect replacements. With their multiple methods of installation, they actually allow you to adapt to what you find inside the original opening when you tear out the old windows. As a result, they can often be installed without even touching interior walls, trim or casing.

And reduce your insurance rates.

Just like a home security system, FeelSafe windows and patio doors may actually result in lower rates for your homeowner’s insurance – at least 33% lower for many homes, and in some instances, even more dramatic reductions.

Replace, remodel and reenergize.
SIERRA PACIFIC WINDOWS. MADE TO LAST.

From seed to finished window and door, we control every part of the manufacturing process. This allows us to insist on a no-compromise approach. It also allows us to guarantee our workmanship with one of the finest warranties you’ll find anywhere.

It provides 30-year residential AAMA 2605 clad exterior coating coverage, 10-year FeelSafe laminated insulated glass coverage, 10-year parts coverage, 2-year labor coverage and 10-year AAMA 2604 clad exterior coating coverage. For complete warranty information, visit sierrapacificwindows.com.

MADE TO PROTECT.

Since we own the land we use to produce world-class windows and doors, we invest heavily in sustainable environmental practices and the protection of wildlife habitats. So the coastal sea turtle dilemma is something we feel strongly about.

Windows in homes near the shore can endanger sea turtles. Light visible through the glass can discourage females from nesting and disorient the hatchlings, who confuse the brightness for moonlight reflecting off the water. Even the reflection of the moon in the glass can cause hatchlings to wander inland.

Fortunately, Sierra Pacific offers tinted, non-reflective glass that solves both problems. Simply choose from our gray or low-E 340 glass; both meet the turtle tint codes.
The exterior of every FeelSafe window and patio door is fully encased in maintenance-free, heavy-duty, extruded aluminum. What's more, our finishing process leads the industry in durability and environmental safety. Non-hazardous AAMA 2604 and 2605 powder-coatings have the color retention, surface hardness and scratch resistance necessary to withstand even the harshest conditions.

As for colors? Nobody gives you more choices than Sierra Pacific. 75 standard colors and some sensational textures allow you to add warmth, a splash of cheerfulness or a new statement to your designs. We'll also custom match any color you choose.

**Exterior Trim Profiles.** (Sizes are nominal.)

- 2.5" Ovalo (clad)
- 2" Brickmould (clad)
- 3.5" Brickmould (clad)
- 3.5" Flat Casing (clad)

**Exterior Clad Finishes**

**Color Stay™ Collection**

<table>
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<tr>
<th>Color</th>
<th>Hex Code</th>
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<tbody>
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<td>Green 002</td>
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**Textured Collection**

- Peppercorn Steel 100
- Silk Espresso 096
- Mocha 097

**Weathered Collection**

- Weathered Cafe Latte 098
- Weathered Creme 099
- Weathered Brown 046
- Weathered Java 047
- Weathered Rust 048
- Weathered Red Pepper 049
- Weathered Clay 050
- Weathered Rust 051

**Pearl Metallic Collection**

- El Cajon Silver 066
- Platinum 067
- Light Bronze Pearl 068

**Metallic Collection**

- Alpaca Silver 069
- Metallic Champagne 070
- Bronze Classic 072

**Anodized Collection**

- Clear Anodized 073
- Medium Bronze Anodized 074
- Dark Bronze Anodized 075

**Industrial Collection**

- Medium Bronze Industrial 076
- Dark Bronze Industrial 077

Printing limits our ability to show colors precisely. See your local representative for actual cladding samples.
The Warmth & Beauty Of Select Woods.

We happen to think that your windows should match your cabinets perfectly. So whether it’s your den or your kitchen, or throughout the whole house, Sierra Pacific lets you choose from eight beautiful woods for your windows, patio doors and trim. In fact, as long as it’s workable, we’re willing to make your windows out of any wood in the world.

A Premium Factory Finish.

Nothing beats a factory finish performed with state-of-the-art equipment under rigorously controlled, ultra-clean conditions.

Sierra Pacific gives you two premium options: Ultra Stain and Ultra Coat.

Ultra Stain is an advanced, multi-step process that brings out all the beauty of your wood interior with an environmentally friendly water-based formula. Ultra Coat uses a unique, specially formulated, two-part catalyzed polyurethane paint. It’s a white or black interior paint that’s so durable, it could be used outdoors.

Both Ultra Stain and Ultra Coat are so tough, they resist scratching and marring and so superior, they provide advanced protection against moisture.
With FeelSafe windows, you’ll love the craftsmanship as much as the view. To enhance your décor, Sierra Pacific offers three ways to achieve the classic appeal of traditional divided lites without the classic energy loss and cleaning headaches caused by individual panes of glass.

You can choose removable wood grilles that fit on the interior glass, grilles in the airspace, and our own Sierra Pacific divided lite—the updated, energy efficient version of the original.

**Simulated Divided Lite**
Our simulated divided lites give you the classic appeal of traditional true divided lites, but without the energy loss caused by individual glass panes. Extruded aluminum outside, natural wood inside, and optional spacers between the glass.

**Removable Wood Grille**
Our removable wood grille is the affordable, convenient alternative to divided lites. Simply pop out the grille, wash the window, and pop it back in. Available as full surround in select pine or optional wood species.

**Grilles Between the Glass**
This is the easiest way to achieve the divided lite look. We actually seal the grille between the panes of glass. So you get the visual appeal you want without the grille ever getting in your way.

Grilles between the glass come in your choice of profiles: 5/8” or 1” contour or 3/8” flat. Two-tone grilles also available.

Grille Configurations.
Your grilles can be as traditional or as unique as you choose. Our standard configurations include Equal and Prairie. But with our custom configurations, we’re ready to transform your inspiration into reality.
Don’t settle for something ordinary. Look for ways to turn your windows into dramatic design elements.

FeelSafe products come in a wide assortment of sizes—including extra large units with some of the highest DP ratings—so you’re limited only by your imagination.

Start with one simple window, add more windows or a patio door, inject a little inspiration, adjust the sizes and shapes to give the room more impact, and congratulations. You’ve just created a truly custom window design.

Full Product Specifications on page 36-37.
For top-to-bottom unobstructed views and beautiful styling, you can’t beat our casement windows. FeelSafe casements swing open a full 90 degrees for wide-open ventilation and easy cleaning. They come with our sleek, Encore handle that folds out when you need it, but tucks out of the way of window treatments.

The clean lines and smooth operation of Sierra Pacific casement windows have made them a favorite across the country. But for the ultimate in coastal performance, FeelSafe casements come with nothing less than corrosion-resistant, 300 series stainless steel operators and dual arms. It’s not an option, it’s standard equipment.

Can withstand zone IV hurricane-force winds with an impressive structural performance rating of PG 65 (+65/-70) for a 3-0 x 6-0 or a PG 65 (+65/-85) for a 3-0 x 5-0 unit size.

Corrosion-resistant, 300 series stainless steel hardware.

ASA wrapped sash so wood isn’t exposed to exterior elements.

Solid wood sash, rails, stops and interior trim. Jambs laminated, solid optional.

Multiple point locks.

Standard screen.

Optional wood-wrapped screen.

Encore folding handle.
Awning windows are a great choice when you want the fresh air of an open window even if it’s raining. FeelSafe awning windows are commonly used alone or combined underneath a large picture window to provide ventilation.

Like all our products, FeelSafe awning windows are custom made, by hand, to your exact specifications. We think you’ll notice the difference in how beautiful they look and how flawlessly they perform.

**Hurricane-Resistant Windows**

**Awning Windows**

- Can withstand hurricane-force winds with an impressive structural performance rating of PG 65 (+65/-70) for a 4’-0 x 3’-0 unit size.
- Corrosion-resistant, 300 series stainless steel hardware.
- Solid wood sash, rails, stops and interior trim. Jambs laminated, solid optional.
- Multiple point locks with scissor opening hardware.
- ASA wrapped sash so wood isn’t exposed to exterior elements.
- Encore folding handle

**Full Product Specifications on page 36-37**
Our single & double hung windows are a thing of beauty. With no unsightly plastic jambliners, they frame any view with elegant, natural, all-wood beauty. You’ll note a superb attention to detail and fine craftsmanship. Yet their structural performance is so exceptional, they surpass the toughest coastal building codes, and are well suited for light commercial projects.

- Interlocking mechanism provides an extra tight bond between the sash and sill when closed.
- Can withstand zone IV hurricane-force winds with an impressive structural performance rating of PG 65 (+65/-85) in a 42 x 77 unit size and PG 60 (+60/-60) in a 48 x 100 single hung.
- One-piece bottom rail.
- Dual surface-mounted classic styled locks draw sash tight against weatherstrip.
- Concealed block and tackle or heavy duty K-Series spiral balance systems for a natural, all-wood interior free of unsightly plastic jambliners. Making this the perfect window for historic renovation projects or the true perfectionist.

Optional sash lift

Arched
Springline

Full Product Specifications on page 36-37.
Give your home an arched expanse of glass reaching to the ceiling. Or transoms stretching from wall to wall above a bank of patio doors. Or a simple, elegant round portal providing a midnight entrance for moonlight. Every special home deserves special windows like these.

Fortunately, FeelSafe windows give you all these options, plus provide proven protection from hurricanes and intruders. Unlike ugly shutter systems, FeelSafe’s protection is always there—even when you’re not.
Custom Shapes

- Half Round (52)
- Quarter Round (L 53L) – R (53R)
- Round (66)
- (63)
- Arch Head Equal Sides (60)
- Arch Head Unequal Sides (L 70) – R (70)
- Chord (64)
- Trapezoid (4)
- Triangle (Y)
- Right Triangle (L 10) – R (10)
- Pentagon (15)
- Octagon (25)
- Oval (40)
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Available in non-radius or radius shapes.

Special Shapes

- Quarter Round Unequal (L 52L) – R (52R)
- Unequal Quarter Round (64)
- Springline (83)
- Quarter Springline (L 70) – R (73)
- Arch Head Equal Sides (60)
- Chord (64)
- Trapezoid (4)
- Triangle (Y)
- Right Triangle (L 10) – R (10)
- Pentagon (15)
- Octagon (25)
- Oval (40)
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Available in extra large sizes.

Blocks 90% of UV rays.

Can withstand zone IV hurricane-force winds with an impressive structural performance rating of PG 65 (+65/-85) for a 3-0 x 8-0 unit size.

Available in a direct set (glass set directly into frame).

Can withstand zone IV hurricane-force winds with an impressive structural performance rating of PG 65 (+65/-85) for a 3-0 x 8-0 unit size.

Blocks 90% of UV rays.

Available in non-radius or radius shapes.

Solid wood stops and interior trim, Jamb laminated, solid optional.

Extra heavy-duty .05” thick extruded aluminum structural nailing fin standard.

Available in extra large sizes.

Available in a direct set (glass set directly into frame).

Transoms available in rectangles only.
As you can imagine, a patio door needs lots of extra engineering and structural reinforcement to outlive hurricane-force winds and flying debris. That’s definitely true of FeelSafe patio doors.

Despite their stylish good looks and effortless operation, our swinging patio doors are built to take it. They swing out—not in—for optimum protection from high winds. They feature an upgraded European 5-point locking system for maximum security, plus chemically bonded joints and stainless steel hinges and strike plates.

Can withstand hurricane-force winds with an impressive structural performance rating of PG 65 (+65/-70) for a two-wide or PG 60 (+60/-60) for three- and four-wide mull configurations.

Unique 1/4” plate mull option provides the appearance of a seamless direct mull to transoms and sidelites.

Approved for combinations up to 12-0 width x 8-3 height.

Semi-active operation comes standard with manual lever shoot bolts.

Antique Brass  Bright Brass  Brushed Chrome  Polished Chrome  Oil-Rubbed Bronze-FB  White

Full Product Specifications on page 36-37.

Outswing butt hinge (standard)
Our FeelSafe sliding patio door has been re-engineered and redesigned to make it the best, most beautiful French slider on the market. The all-natural, all-wood interior is visually free of any man-made components—to satisfy even a true perfectionist. Compared to an inswing patio door, a slider is a great space-saving option.

Smooth as silk operation thanks to standard sandals stainless steel ball bearing rollers and fully adjustable design.

French style is standard with extra wide sides and 7-1/2” bottom rail.

Can withstand hurricane-force winds with an impressive structural performance rating of PG 55 (+55/-55) up to a 3 wide 12’ x 8’.0.

Optional Footbolt

2-point locking hardware for maximum security.

Available in 3-wide continuous sill widths.

Can withstand hurricane-force winds with an impressive structural performance rating of PG 55 (+55/-55) up to a 3 wide 12’ x 8’.

Satin Nickel FeelSafe patio door handles feature a special PVD coastal finish to keep their good looks.

Champagne Antique Bright Bright Bronze PVD Bright Chrome Polished Chrome Olid-Rubbed Bronze PVD White Satin Nickel PVD Matte Black

Photographer: Russell Campaigne, CK Architects
Our light commercial products offer a combination of historic styling and contemporary engineering. They frame any view with sleek, natural, all-wood beauty.

Whether your next project is new construction, renovation or remodeling, you'll find what you're looking for in the Sierra Pacific lineup. If not, we'll gladly custom build to your exact specifications.

Of course, our Architectural Services Group will do whatever it takes to help make your project a success.

ARCHITECTURAL SERVICES GROUP

Every commercial construction job presents unique and diverse challenges. Our Architectural Services Group can be a valuable resource in ensuring your project's success, and our national network of Architectural Consultants can team up directly with you from design to specification.

Our approach is personal and solutions-driven, working with you to present custom options and consult on shop drawings and CAD plans.
**Single & Double Hung Specifications**

**CONSTRUCTION**

**WEATHERPROOFING**
Other bulk weatherstripping on frame. Positive locking mechanism draws such sash tight against weatherstrip. ASA cap with fin weatherstripping on sash.

**Awning Specifications**
**CONSTRUCTION**

**WEATHERPROOFING**
Other bulk weatherstripping on frame. Positive locking mechanism draws such sash tight against weatherstrip. ASA cap with fin weatherstripping on sash.

**Outswing Patio Door Specifications**
**CONSTRUCTION**
High-strength, slatier-resistant, laminated glass--insulated or non-insulated. Structural sealant. Extruded aluminum clad exterior. Natural pine interior (standard). Prime, paint or stain optional. CoreGuard wood treatment throughout. Structural railling fin standard for superior installation and reduced racking problems. Basic jamb width 4-9/16". For shapes above sliding patio doors, the basic jamb width is 5".

**Direct Set Specifications**
Glass set directly into frame. Available in angular and radial shapes.

**Decorative Glazing**
Non-reflective gray or blue. Bronze, gray, green or white.

**Hardware**

**Options**
Decorative glazing: Non-reflective gray or blue. Bronze, gray, green or white.

**Sliding Patio Door Specifications**
**CONSTRUCTION**

**Weatherproofing**
Weatherstrip system at meeting and lock sides. Top and bottom including tailer sill stop.

**Operation**
Freight stainless steel ball bearing rollers standard. Fully adjustable for a tight seal and easy operation. Two-point locking hardware.

**Options**
Available as French sliding door with wider sashes and rails only including reinforced meeting rails and interlocking system.

**Decorative Glazing**
Non-reflective gray or blue. Bronze, gray, green or white.

**Hardware**
A Company With Deep Roots.

With 125 combined years in the window and door business, Sierra Pacific Windows is a household name west of the Rockies, and our reputation is quickly making its way South and East. Sierra Pacific Windows is a division of Sierra Pacific Industries, the largest millwork producer and second largest lumber company in the US. Sierra Pacific Industries owns and sustainably manages 1.9 million acres of timberland in California and Washington state.
Sierra Pacific Industries manages more than 1.9 million acres of timberland. We’re the largest millwork producer in the U.S. and the second largest lumber company. But our size is only a small part of our story.

We plant 7 million new trees every single year. So 100 years from now, our forests will have more trees—and bigger trees—than today.

Sierra Pacific is the only window company that maintains continuous quality control from the moment our tree seedlings are planted until our beautiful windows are produced, approved and delivered to you.

Upgrade your homes with Sierra Pacific Windows. Talk to your local Architectural Consultant or sales representative about which of our product solutions will work best for your next project.