UPGRADE YOUR EXPECTATIONS
WITHOUT UPGRADING YOUR BUDGET.

High Tech Fusion Technology
When we introduced our advanced H3 window, Window & Door magazine gave it the Crystal Achievement Award for innovation.

Since then, all we’ve done is make it even better.

At the core of the H3 is our patented Fusion Technology™. It integrates three perfect materials – extruded aluminum, vinyl and wood – into one perfect window. This unique fusion results in improved energy efficiency & performance, noticeably enhanced aesthetics, an extreme seal, and easier installation.

Still “The Most Innovative Window Of The Year.”

The past few years have seen some incredible improvements to an already over-achieving window line. We recently introduced our H3 Accessory Frame with four available profiles. Now we’ve added a completely new lineup of simulated divided lite grille profiles to give our H3 windows even more design options.

You’ll also find our H3 FeelSafe product line making a name for itself in Zone III impact-prone locations. Add the continuous head and sill offered on all of our H3 products, and you’ll see why our H3 Series remains a game changer.

More Improvements For An Industry Leader.
Thicker, stronger extruded aluminum cladding. Ours is at least twice as thick as competitors’ roll-form cladding for greater durability and dent resistance.

Wood interior for warmth, beauty, and thermal insulation with 4-9/16” standard jamb depth. Not just a veneer like some windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Integral rigid nailing fin for greater structural integrity, improved water barrier and easy installation. The H3 virtually eliminates racking problems.

Protected to the core against water with our exclusive patented CoreGuard Plus™ wood treatment for superior rot resistance.

Sealed and mitered corners outside, non-mitered inside. Architectural sash setback of 1-1/8”.

Choose from nine species of interior wood.

Innovative snap lock design means no unsightly screws or fasteners on the interior. Only minor nail holes to fill in the screen track.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Traditional extruded aluminum cladding. Thinner, lighter extruded aluminum cladding. Our is at least twice as thick as competitors’ roll form cladding for greater durability and dent resistance.

Extra-strong 0.078” vinyl base frame for superior rigidity, tight corners, wind protection against, and enhanced resistance to air or water leaks. No tiny components are visible when window is closed.

Seamless factory mull system stops water with integral continuous head and sill mull.

Available with simulated divided lite grilles or our grilles between the glass.

Wood interior for warmth, beauty, and thermal insulation with 4-9/16” standard jamb depth. Not just a veneer like some windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Thicker, stronger extruded aluminum cladding. Ours is at least twice as thick as competitors’ roll-form cladding for greater durability and dent resistance.

Wood interior for warmth, beauty, and thermal insulation with 4-9/16” standard jamb depth. Not just a veneer like some windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Innovative snap lock design means no unsightly screws or fasteners on the interior. Only minor nail holes to fill in the screen track.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Traditional extruded aluminum cladding. Thinner, lighter extruded aluminum cladding. Our is at least twice as thick as competitors’ roll form cladding for greater durability and dent resistance.

Extra-strong 0.078” vinyl base frame for superior rigidity, tight corners, wind protection against, and enhanced resistance to air or water leaks. No tiny components are visible when window is closed.

Seamless factory mull system stops water with integral continuous head and sill mull.

Available with simulated divided lite grilles or our grilles between the glass.

Wood interior for warmth, beauty, and thermal insulation with 4-9/16” standard jamb depth. Not just a veneer like some windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Innovative snap lock design means no unsightly screws or fasteners on the interior. Only minor nail holes to fill in the screen track.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Traditional extruded aluminum cladding. Thinner, lighter extruded aluminum cladding. Our is at least twice as thick as competitors’ roll form cladding for greater durability and dent resistance.

Extra-strong 0.078” vinyl base frame for superior rigidity, tight corners, wind protection against, and enhanced resistance to air or water leaks. No tiny components are visible when window is closed.

Seamless factory mull system stops water with integral continuous head and sill mull.

Available with simulated divided lite grilles or our grilles between the glass.

Wood interior for warmth, beauty, and thermal insulation with 4-9/16” standard jamb depth. Not just a veneer like some windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Innovative snap lock design means no unsightly screws or fasteners on the interior. Only minor nail holes to fill in the screen track.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Traditional extruded aluminum cladding. Thinner, lighter extruded aluminum cladding. Our is at least twice as thick as competitors’ roll form cladding for greater durability and dent resistance.

Extra-strong 0.078” vinyl base frame for superior rigidity, tight corners, wind protection against, and enhanced resistance to air or water leaks. No tiny components are visible when window is closed.

Seamless factory mull system stops water with integral continuous head and sill mull.

Available with simulated divided lite grilles or our grilles between the glass.

Wood interior for warmth, beauty, and thermal insulation with 4-9/16” standard jamb depth. Not just a veneer like some windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Innovative snap lock design means no unsightly screws or fasteners on the interior. Only minor nail holes to fill in the screen track.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Traditional extruded aluminum cladding. Thinner, lighter extruded aluminum cladding. Our is at least twice as thick as competitors’ roll form cladding for greater durability and dent resistance.

Extra-strong 0.078” vinyl base frame for superior rigidity, tight corners, wind protection against, and enhanced resistance to air or water leaks. No tiny components are visible when window is closed.

Seamless factory mull system stops water with integral continuous head and sill mull.
Nobody’s Ever Built A Double Hung Like This Before.

H3

Thicker, stronger extruded aluminum cladding. Ours is at least twice as thick as competitors’ roll-form cladding for greater durability and dent resistance.

Wood interior for warmth, beauty and thermal insulation with 4-9/16” standard jamb depth. Not just a veneer like other mid-priced windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Integral rigid nailing fin for greater structural integrity, improved water barrier and easy installation. The H3 virtually eliminates racking problems.

Protected to the core against water with our exclusive patented CoreGuard Plus™ wood treatment for superior rot resistance.

Sealed and mitered corners outside, non-mitered inside. Seamless factory mull system stops water with integral continuous head and sill mulls.

Available with simulated divided lite grilles or our grilles between the glass.

Extra strong 0.078” vinyl base frame for superior rigidity, tight corners, real protection against air and water leaks.

Prevented to the core against water with our exclusive patented CoreGuard Plus™ wood treatment for superior rot resistance.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Innovative snap-lock design means no unsightly screws or fasteners on the interior.

Revolutionary patent-pending H3 Accessory Frame integrates with nail fin to allow easy insert of four different profiles with no additional nailing.

Low profile surface mounted lock with easy to operate lever.

Constant force balance for smooth, easy operation.

Integral rigid nailing fin for greater structural integrity, improved water barrier and easy installation. The H3 virtually eliminates racking problems.

Available for new construction applications with integral nailing fin or as an insert window for replacement applications.

Choose from nine species of interior wood.

Concealed jambliner just like on our custom built, high end windows.

Easy tilt sash for easy cleaning.

Premium weatherstripping.

Custom sizing to 1/8” available.

Mix and match the H3 with our premium line to help stay within budget.

Now available in our FeelSafe impact line.
Our H3 horizontal slider comes with solid performance, plenty of glass & accessory options. Available in larger sizes.

Thicker, stronger 0.055” extruded aluminum cladding. It’s at least twice as thick as competitors’ roll-form cladding for greater durability and dent resistance.

Protected to the core against water with our exclusive patented CoreGuard Plus™ wood treatment for superior rot resistance.

Wood interior for warmth, beauty and thermal insulation. Not just a veneer like some windows.

Thinners or triple configurations.

Tilt-in sash for easy maintenance.

Minimal muntins and narrow sash stiles & rails for a full view.

Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 9 other wood species.

Mitered corners and narrow sash stiles & rails for a full vista view.

Our H3 easy-glide slider is a welcome addition to our option-rich, easy-tilt, double hung, and our casement and awning windows. Depending on design and operational preference, each is an exceptionally smart choice for new construction or window replacement.

Precision-milled steel rollers are standard.

Up to a 1” glass thickness for more glazing options; including triple IG.

Jamb depth options up to 8-1/8”.

Nobody’s Ever Built a Slider Like This Before.
Expand Your Design Choices With Direct Sets.

Get ready to widen your views with the newly introduced H3 Direct Set. Up to 50 square feet of glass as a single unit or in combination, with future configurations going even larger. The slim frame design and narrow sight lines make its contemporary profile the perfect match for our H3 Casement, Sliding and Double Hung windows. It’s a look that’s opening up new possibilities in H3 design.

H3

Sealed and mitered corners outside, non-mitered inside.

Protected to the core against water with our exclusive patented CoreGuard Plus™ wood treatment for superior rot resistance.

Available with simulated divided lite or our grilles between the glass.

Integral rigid nailing fin for greater structural integrity, improved water barrier and easy installation.

Revolutionary patent pending H3 Accessory Frame integrator with nail fin to allow easy install of four different profiles with no additional nailing.

Now available as FeelSafe Direct Set with up to 36 square feet of impact resistant glass.

Thicker, stronger extruded aluminum cladding, twice or at least twice as thick as competitors’ mill-burn cladding for greater durability and door resonance.

Premium weatherstripping.

Wood interior for warmth, beauty and thermal insulation. Not just a veneer like some windows.
A Top Performer In Zone III Areas.

H3 has long been a favorite with architects, builders and homeowners. With the addition of our hurricane resistant FeelSafe glazing, H3 FeelSafe is an amazing and often necessary choice for zone III homebuilders. Exceptionally easy to install and extremely energy efficient, choose from casement, awning, double hung and direct set. Our full H3 FeelSafe line is perfect for coastal building challenges.

H3 FeelSafe products are available as casements, awnings, double hung and direct set, all with DP +50/-60 zone III rating.

Standard AAMA 2604 powder coat finish with optional AAMA 2605 powder coat finishes.

H3 patented H3 Fusion Technology™.

H3 Fusion Technology™ provides rigid end-fit for extraordinarily easy installation, nearly eliminating racking problems.

High-strength tempered or annealed glass.

Famous patented H3 Fusion Technology™.

Hurricane-resistant laminated glass.

Special polyvinyl butyral bonding.

Sealed airspace.

Continuous head and sill, certified with combinations up to 3 wide and 2 high.

Multiple exterior clad accessory options that require no through-frame anchors.

Wide range of hurricane-resistant laminated FeelSafe impact glazing.

Full range of design options – exterior clad colors, hardware finishes, grille bars, and more.
**High Performance Glazing Options.**

What’s the best glazing for your windows and patio doors? Obviously, what’s best for a freezing northern winter is not necessarily right for a hot southern summer. We have the answer. With one of the broadest selections of glazing options in the window industry, Sierra Pacific lets you choose exactly the right performance glass for your exact weather and environmental conditions.

You can choose glazing to improve your energy efficiency and lower your energy bills. You can capture the sun’s heat, or reflect it. You can also reduce outside noise, block the sun’s damaging UV rays, or even enhance your privacy.

*The Advantage of No-Metal Spacers.*

One of the technological advances that make our Aspen windows perform so well is our patented No-Metal TrueWarm® Edge spacers. Many window manufacturers use aluminum spacers between their panes of glass. These conduct cold and heat, and that’s not good for thermal performance.

Our no-metal warm edge spacers are 100% polymer structural foam, for excellent thermal performance and a superior seal.

---

**Low-E 366**

Cardinal’s triple layer silver product with its exclusive XL Edge Spacer for superior performance. 93% UV protection. Solar heat gain coefficient of 0.27. Also available with Preserve® protective film or with Preserve and Neat coating for a naturally cleaner glass.

The same superior performance as regular Low-E 366 (above), but with the addition of i89 coating on the interior surface to increase insulating value and reduce solar heat gain. Meets even the most extreme requirements in the majority of the Canadian Energy Star zones. Also available with Protective and Neat coating.

**Low-E 340**

Cardinal’s newest glazing innovation. It has an amazingly low 0.18* solar heat gain coefficient to keep out the heat even in the blazing sun. Slightly tinted. Blocks 98% of UV rays. Less heat gain when it’s hot, less heat loss when it’s cold, and maximum glare control. Also available with Preserve protective film or with Preserve and Neat coating.

**Low-E 180 Passive Solar**

A very high (0.78*) coefficient for capturing solar heat gain. Ideal for reducing your heating bills in colder climates. Superior insulation value blocks cold and keeps it in the heat. Also available with Preserve protective film or with Preserve and Neat coating.

**Dual or Triple Pane Low-E Insulated Glass**

Insulated for improved energy efficiency. Single surface low-e coating to reduce solar heat gain and block UV rays.

For moderate climates. Basic glazing with basic performance.

Reduces outside noise by as much as 30% while blocking 99% of damaging UV rays. Laminated for shatter resistance. Available insulated or non-insulated.

Protect your home and our sea turtle population. FeelSafe windows and patio doors are engineered inside and out to resist hurricane-force winds, pounding rain, wind-borne debris, and rapid pressure changes that could implode your home or literally blow off the roof. Available in low-E, low-E 366 or low-E 340.

For moderate climates, our non-insulated, shatter-resistant FeelSafe glass provides the utmost security—whether your concern is severe storms or intruders. Also available in low-E 366 or low-E 340.

---

*All values shown are center of glass. **Interior surface coatings, also known as surface #4, are applied to the interior (room-side surface) of a dual pane IG unit, resulting in improved thermal performance and lower heating costs. Because the coating reflects heat back into the room, the interior side pane of glass will be slightly colder in winter, causing a higher potential for interior condensation. ***Available when selecting XL Edge Spacer.
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. Ultra Coat is a white or black durable interior paint. Both Ultra Stain and Ultra Coat are so tough, they resist scratching and marring and so superior, they provide advanced protection against moisture.

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 nine 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.

The Warmth & Beauty Of Select Woods.
The exterior of Sierra Pacific H3 windows is fully encased in low maintenance, heavy-duty, extruded aluminum. Ours is at least twice as thick as our competitors’ roll-form cladding. 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 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.

Choose Carefully: These Colors Stay A Long, Long, Long Time.
MAKE OUR WINDOWS UNIQUELY YOURS.

With our grille and hardware design options, you can make the look of your H3 windows truly complement your home—whether your décor is traditional, contemporary, or something in between.

CASEMENT HARDWARE.
Our standard handle is the Encore from Truth. It’s the same high-end handle as on our premium casements. It folds out of the way of window treatments, and comes in beautiful hardware finishes, including our newly created black matte finish.

DOUBLE HUNG HARDWARE.
Easy-tilt latches make window cleaning a breeze. Available in multiple finishes.

GRILLES BETWEEN THE GLASS.
Grilles between the glass come in your choice of profiles: 11/16” or 1” contour or 5/8” flat. Available in 8 colors. Two-tone grilles also available.

CLASSIC APPEAL, MODERN EASE.
Sierra Pacific offers two ways to achieve the classic appeal of traditional divided lights. Our newly expanded selection of simulated divided light profiles, with optional aluminum spacers between the glass, and our grilles between the glass, giving you the visual appeal you want without the grille ever getting in your way.

SIMULATED DIVIDED LITE PROFILES

<table>
<thead>
<tr>
<th>5/8&quot;</th>
<th>7/8&quot;</th>
<th>1&quot;</th>
<th>1-1/4&quot;</th>
<th>2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contemporary wood</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Putty wood</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Traditional wood</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

| Equal | Prairie | Bronze spacer option shown. |
One of the industry’s top performers keeps getting design improvements to make it even easier to install, more efficient to own and more beautiful to look at.

**Continuous Head & Sill Advantage**

The continuous head & sill of our H3 windows makes installing multi-wide units much simpler. It also improves structural integrity and dramatically increases performance with a water-tight mull joint certified up to three-wide and two-high.

**Mulling Options**

- **Continuous Head & Sill Mull Post**
- **Tight Mull**
- **Plate Mull**

**Patented H3 Accessory Frame**

This is an entirely different frame cladding profile system with an integral nailing fin, in four available profiles. Four cover options snap in place on the frame with a clip system. No through-frame anchors or excessive nail holes, leaving you an integrated frame that gives homeowners the flexibility to choose the aesthetic they want.

**Exterior Trim Add-on Profiles**

Need box mulls or other adaptations in the field? We’ve also created a new set of H3 add-ons with the same profiles as our accessory frames.
Sierra Pacific wood windows and doors are protected by CoreGuard Plus™ wood treatment, a patented process that, when needed, penetrates wood right to the core to repel water; so our windows and patio doors are less likely to warp or swell and have superior dimensional stability.

In addition, CoreGuard Plus contains fungicides and insecticides to deeply protect all wood species from pests and rotting. Amazingly, this strong protection comes from a naturally organic, water-based treatment with nearly zero VOCs, which helps us maintain our strict environmental stewardship.

Sierra Pacific Windows and Doors are backed by our fully transferable 30/20 Limited Warranty (20/10 for commercial products). It provides 30 year residential AAMA 2605 clad exterior coating coverage, 20 year insulated glass coverage, 10 year parts coverage, 2 year labor coverage, and 10 year AAMA 2604 clad exterior coating coverage. For warranty specifics, please refer to SierraPacificWindows.com.

CoreGuard Plus® Wood Preservative.

Sierra Pacific wood windows and doors are protected by CoreGuard Plus® wood treatment, a patented process that, when needed, penetrates wood right to the core to repel water; so our windows and patio doors are less likely to warp or swell and have superior dimensional stability.

In addition, CoreGuard Plus contains fungicides and insecticides to deeply protect all wood species from pests and rotting. Amazingly, this strong protection comes from a naturally organic, water-based treatment with nearly zero VOCs, which helps us maintain our strict environmental stewardship.

A Warranty as Tough as the Product It Guarantees.

Sierra Pacific Windows and Doors are backed by our fully transferable 30/20 Limited Warranty (20/10 for commercial products). It provides 30 year residential AAMA 2605 clad exterior coating coverage, 20 year insulated glass coverage, 10 year parts coverage, 2 year labor coverage, and 10 year AAMA 2604 clad exterior coating coverage. For warranty specifics, please refer to SierraPacificWindows.com.
In addition to the remarkably advanced H3, Sierra Pacific also offers several complete lines of wood windows and patio doors. We build them with careful attention to detail, superb craftsmanship, innovative engineering, and the newest technology.

Of course, they’re designed to complement your H3 windows.

The H3 isn’t just remarkably advanced. It’s also remarkably easy to install and finish. A rigid nailing fin is integral to H3 windows. It produces greater structural integrity, an improved water barrier and the virtual elimination of racking problems.

Plus, our innovative snap-lock design also means no unsightly screws or fasteners on the interior and fewer nail holes to fill. In fact, the only nail holes on the casement are in the screen track.

The bottom line is that you save time. And time is money.
Our 1,900,000-Acre Manufacturing Plant.

Sierra Pacific Industries, our parent company, sustainably manages 1.9 million acres of timberland. We're the largest millwork producer and one of the largest lumber companies in the U.S.

But our size is only a small part of the story.

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

As a proud part of this family-owned, environmentally-committed company, Sierra Pacific is the only window company that maintains continuous quality control from the moment our tree seeds are planted until our beautiful wood windows are produced, approved and delivered to you.