



Loewen

WINDOW & DOOR
PRODUCT GUIDE

LOEWEN WINDOWS & DOORS

Loewen is the leading manufacturer of premium windows and doors for the luxury architectural market in North America and abroad.

Handcrafted

We are committed to producing handcrafted windows and doors. Our expert artisans ensure our fit-and-finish is unparalleled. These craftspeople are supported by high-tech, automated technologies, but it's the skilled hands in our makerspaces that have earned us our reputation among discerning architects, builders, and homeowners.

Authentic

We use authentic materials of the highest quality. At our core, Loewen is a designer and manufacturer of wood windows and doors. We use solid wood laminations, not veneers. Our extruded aluminum is the highest quality. Our operating hardware is bronze, brass, zinc, and stainless steel - all genuine materials, not imitations.

Enduring

Our designs are Enduring, both aesthetically and in performance. We work tirelessly to create products that are timeless, whether that means being true to historical architecture or by creating a lasting contemporary design. Behind the outward beauty is a functional performance that gives you an industry-leading experience for years to come.





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PRODUCT FEATURES

Our materials, our finishes, our custom capabilities, and our commitment to our product are integral to the Loewen experience.



WOOD SPECIES

Not all wood species are created equal, our wood offering has been meticulously chosen.

Coastal Douglas Fir - Our Standard

Douglas Fir is North America's most plentiful softwood species; Loewen provides Coastal Douglas Fir (*Pseudotsuga Menziesii*) as our standard because it is the best species for luxury projects. Coastal Douglas Fir is the premium grade of Douglas Fir, being the strongest and most durable of all the soft woods. Not only does it give our products a rich, warm texture, it is also remarkably tough and resilient. By choosing Coastal Douglas Fir as our standard we promise a beautiful future for our customers.

FEATURES

The strength of Coastal Douglas Fir lies in its high natural resistance to moisture absorption, decay, and insect infestation

Coastal Douglas Fir out-performs other Douglas Fir species and vastly outperforms other soft wood species (such as pine, etc.)

Solid Coastal Douglas Fir is our standard where it is an upgrade for others; when offered as an upgrade, many of our competitors typically only provide it as a thin veneer over lesser materials



Additional Wood Species

Honduran Mahogany

Genuine Honduran Mahogany (*Swietenia Macrophylla*) is naturally resistant to decay and is far stronger than many of the other species that may have 'Mahogany' in their name, but aren't actually considered genuine Mahogany. This species offers a rich grain with a short, light swirled pattern. When first cut, its colors range from rose to light brown. As the wood ages, it transforms to its distinctive reddish-brown color.

White Oak

Strong and straight grained, this beautiful species is highly sought after due to its durability and ability to accept stain finishes.

*Cherry, Walnut, and other species are available upon request.



Mahogany



White Oak



Accoya®



GLAZING

We use some of the largest sealed units available, and thanks to our exceptional glazing specifications they also lead the industry in performance.

Glass performance has always been our forte. Our industry-leading performance is due to our exceptional glazing and design specifications. We have partnered with like-minded innovative glass fabricators to supply technologically advanced sealed units that get bigger by the day.

FEATURES

Standard venting channel beneath the sealed unit for long unit life

Loewen True Triple sealed units include optimal $\frac{1}{2}$ " airspaces between the glass to optimize energy efficiency

Black stainless steel spacer bars are our standard, resulting in a sophisticated and contemporary aesthetic

We hold our suppliers to a higher-than-industry standard through enhanced inspections and audits



True Triple Glazing in our Picture/Direct Set Window



Extruded Aluminum Cladding on our French Doors

ALUMINUM CLADDING

Our extruded aluminum cladding is intricately detailed and withstands serious impact without sustaining damage.

Loewen uses only pre-finished extruded aluminum cladding to better protect window and door exteriors and eliminate the need for painting. Our thick extruded aluminum cladding retains its shape, resists denting and lasts longer than roll-formed aluminum. In addition, Loewen's window cladding is set away from the underlying wood, creating an airspace that improves performance.

FEATURES

Withstands serious impact without sustaining damage

Allows intricate extrusion detailing

Provides the malleability necessary to clad many sizes and shapes

Delivers unequalled environmental durability

Provides a stable substrate that enhances paint and anodized performance

COLORS & FINISHES

Our standard finish offering represents our most commonly requested colors; our endless custom capabilities take care of everything else.

Painted Clad Finishes (AAMA 2605 / 70% Kynar)

Loewen's paint formula includes 70% Kynar 500 PVDF (polyvinylidene fluoride) resin, which offers the greatest resistance to weathering, fading and chalking. This ensures a beautiful finish that will last with minimal maintenance. These aluminum cladding finishes meet the specifications of the American Architectural Manufacturers Association (AAMA) 2605.

Anodized Finishes (AAMA 611)

A durable alternative to AAMA 2605 finishes, our Anodized finishes offer a rich matte look that reduces glare and maintains aluminum's metallic appearance. In addition to the aesthetically desirable etching, our Anodized finishing also increases resistance to abrasion and corrosion. This aluminum is 100% recyclable and uses a waterbased process with no volatile organic compounds for eco-friendliness.

Paint Prefinishes

Jet Black and Oxford White are Loewen's two standard factory-applied paint finishes for wood interiors. These multi-coat acrylic waterborne formulations are applied through a multi-step process that includes sanding between coats and oven-drying, this happens at the component level before final assembly. The result is a beautiful high-performing interior finish.



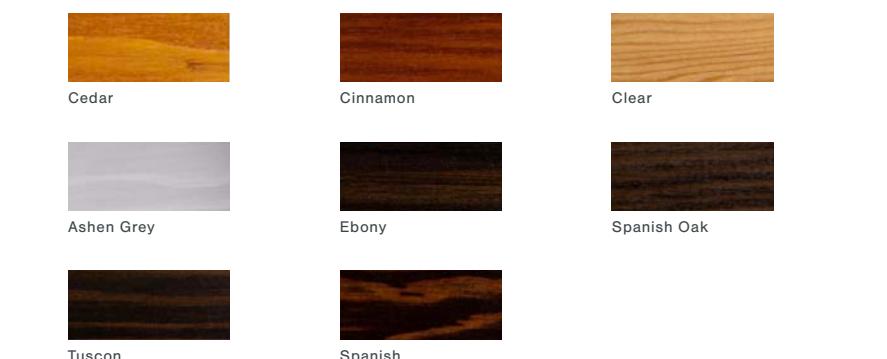
Custom Palette

Enhancing our Standard Palette, our Custom Palette includes a few extra anodized finishes and the option to configure your own custom paint colors. The integral cross matching system and color approval process ensures that you get the exact custom paint color you want every time.



Custom Interior/Exterior Stains

We offer custom wood stains through our Custom Shop. The examples shown here represent popular finishes we've produced in the past. The majority of custom stains we've produced are not represented here, as we most often formulate stains based on customer-supplied samples. In addition to staining, optional wire-brushing can be applied.



Warranty

Loewen provides one of the strongest warranties in the industry, because it is backed by years of experience, high quality products, and a dedicated network of qualified technical service professionals.



CUSTOM SHOP

In a company whose standard product selection is completely made-to-order, this team produces the custom of the custom.

Our highly-regarded Custom Shop works in unison with our customers to create distinctive pieces based on specific design requests. These craftspeople often take our standard products and push them further with non-standard glazing, unique wood species, or unusual finishes. They've also developed a product offering that is unique to their department such as Pivot Doors, Strut-Operated Awnings, Dutch Doors, and more.

FEATURES

Pivot Doors

Custom Entry Doors

Pass-Through Awnings

Tilt/Turn Windows

Dutch Doors

Inswing Casements

Hoppers

Weight & Chain Double Hungs

Custom Finishing



Dutch Door Triple Glaze



Tilt Turn



WINDOWS

Our standard window products include Awning, Casement, Picture/Direct Set, Double Hung, and Single Hung.



AWNING/CASEMENT

Loewen Awning/Casement Windows are practical and beautiful.

Loewen pushout and rotogear operating windows provide superior ventilation and easy operation. Casements shut tightly and provide one of the highest thermal performance ratings of any operating window style. Loewen makes six distinct styles of AW/CA windows, which are also available in specialty shapes.

FEATURES

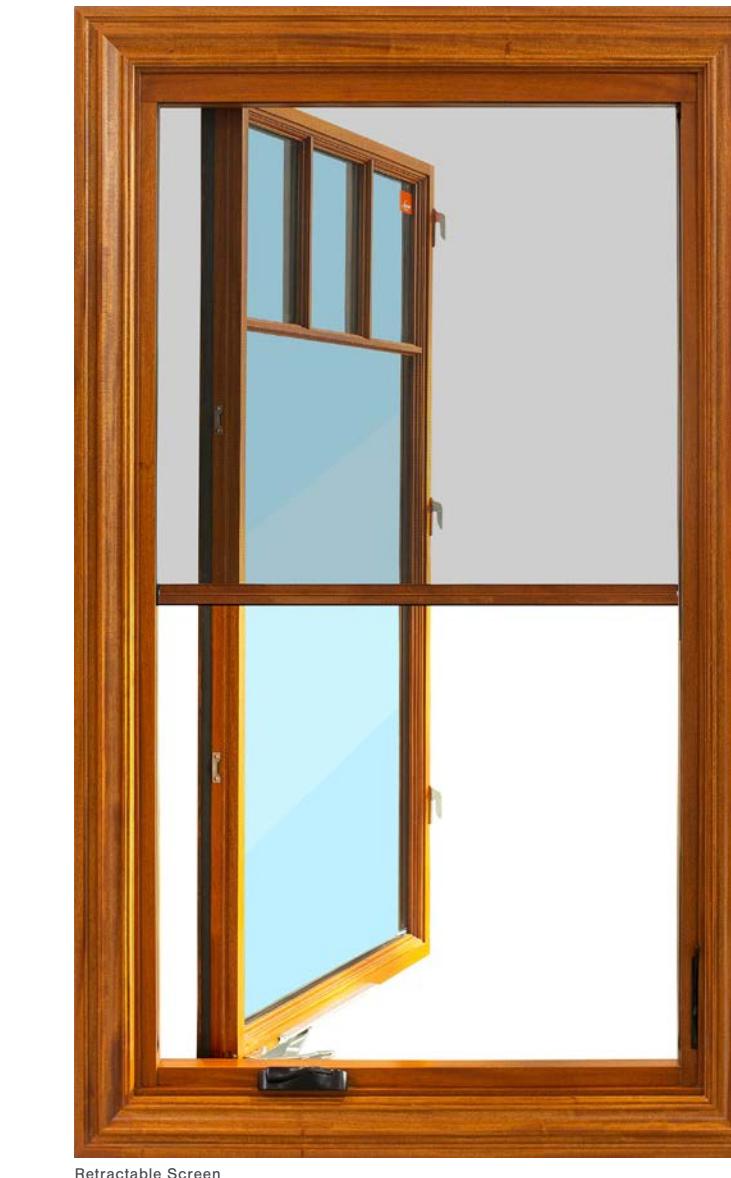
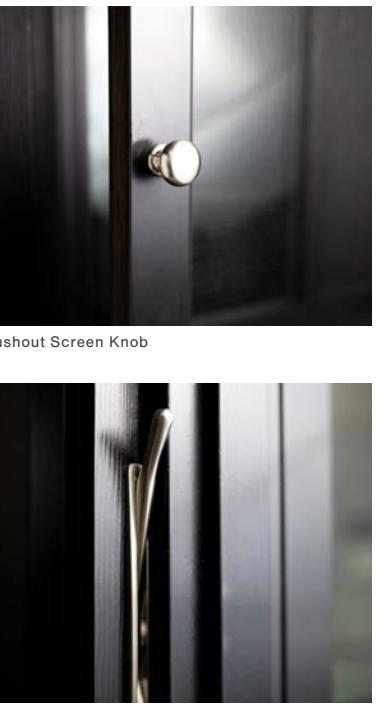
Paired with proprietary roto gear cranks and covers in traditional and contemporary styles with all metal components, this sophisticated hardware is highly durable and provides effortless user interaction

Our retractable screen is seamlessly integrated into the window and does not impede on the viewing area; units with retractable screens all have complimentary sight lines for a consistent design aesthetic

Loewen True Triple sealed units feature optimal 1/2" airspaces between the glass, which maximizes energy efficiency

Solid wood moldings

Concealed black jamb liners improve water management and thermal performance



Automated Awnings

In addition to crank and pushout awnings, we also offer automated awnings. In scenarios where your awning is too high to reach, an automated system allows you to open this window with nothing more than the push of a button.

PICTURE/DIRECT SET

Loewen's Picture/Direct Set window is the definition of sleek design.

These windows maximize views with minimal solid wood framework, resulting in a high-performing product with an unmatched aesthetic. Offered in a variety of shapes and sizes, they are the perfect complement to any style of architecture.

FEATURES

Minimal design is free from interior glazing stops for a clean aesthetic

New design offers increased energy efficiency and an expansive viewing area with larger glass

Exterior-glazed for easier on-site installation of oversized glass units

Designed with "rain screen" principles which allow for water deflection



DOUBLE/SINGLE HUNG

Classic American Architecture.

Our Double Hung has been meticulously designed for architectural correctness making it the ideal market choice for new builds and heritage replacements. All configurations present authentic details such as stile and rail aesthetics, tall bottom rail, narrow checkrail, and a hidden jamb liner. Thanks to the innovative balance system, Loewen Double Hung windows open and close smoothly. A single-handed lock/tilt mechanism allows for inward tilting of the sash for easy cleaning – or complete removal.

FEATURES

Authentic design and joinery

Sill design allows for casing/sill nosing to abut cleanly to underside of the sill

Our proprietary sash lock boasts an architecturally-correct design and facilitates smooth, single-handed operation

Jamb jacks are standard, adding to a smooth and seamless installation

Triple glazed options (grand sash) for improved energy efficiency

Concealed jamb liners for traditional aesthetics

Dark colored weatherstripping is consistent with all other product lines





WINDOW HARDWARE FINISHES

Double Hung

Sash Lock



Satin Nickel



Oil Rubbed Bronze



Matte Black



White



Faux Bronze



Antique Brass



Linen



Brushed Chrome



Polished Brass

Rotogear**Contemporary**

Satin Nickel



Matte Black



White



Faux Bronze

Tango

Satin Nickel



Oil Rubbed Bronze



Matte Black



White



Faux Bronze

Provence

Satin Nickel



Oil Rubbed Bronze



Matte Black



White



Faux Bronze



Antique Brass



Linen



Brushed Chrome

Pushout**Contemporary**

Satin Nickel



Oil Rubbed Bronze



Matte Black



White



Faux Bronze



Linen



Polished Brass

Traditional

Satin Nickel



Oil Rubbed Bronze



Matte Black



White



Faux Bronze



Antique Brass



Linen



Brushed Chrome



Polished Brass



Rustic Bronze



Unlacquered Brass

DOORS

Our standard door products include Swinging, Sliding Patio, BiFold, LiftSlide, and MultiSlide.



SWINGING DOORS

Expansive glass areas and meticulously designed and engineered construction.

Available in out-swing and in-swing versions with standard or narrow rails and stiles. Standard doors have a top rail and stiles with face widths of $4\frac{5}{16}$ " and a bottom rail that is $7\frac{7}{8}$ ". Other design options include mid-rail and flat or raised panel doors, fixed or venting sidelites & transoms, and barrier-free Sills (ADA compliant).

FEATURES

Elegant European-style multipoint lock system with standard stainless steel components for corrosion resistance

Standard stile and rail construction with a thick skin of Vertical Grain Coastal Douglas Fir over an engineered Coastal Douglas Fir core

Available with standard $1\frac{3}{4}$ " panels or more robust $2\frac{1}{4}$ " thick panels

Our proprietary aluminum storm and screen doors are available in matching AAMA 2605 paint finishes and AAMA 611 anodized finishes



3" Narrow Stile Door

Narrow Stile door options are available for Single Terrace, French Terrace and BiFold doors. These contemporary door panels have minimal stiles and rails for maximum views. The standard panel thickness is $1\frac{3}{4}$ ", with $2\frac{15}{16}$ " wide stiles, a $2\frac{5}{16}$ " top rail and a $4\frac{7}{16}$ " bottom rail.

2 $\frac{1}{4}$ " Door

Our advanced $2\frac{1}{4}$ " panel is engineered for higher performance and a cleaner look. Magnetic strike plates add invisible and automatic security enhancements. True Triple glazing is easily executed giving you better thermal and sound properties. The $2\frac{1}{4}$ " non-clad out-swing door moves all the weather gaskets to the door panel for better performance and an even cleaner look.



LIFTSLIDE

LiftSlides, our largest door system, glide almost effortlessly and can be lowered to lock down for weather protection and security.

High structural integrity and threshold options allow LiftSlide doors to be located in areas of high exposure where homeowners desire expansive views - mountain, hillside, coastline, or lakefront vistas. The fiberglass frame option provides superior thermal performance, strength, and durability. LiftSlide doors are available in straight, curved radius, corner, and angled configurations in both jamb and pocketing systems. Custom configurations are available.

FEATURES

Panels up to 7ft wide or 12ft high for maximum opening

Our tested flush track includes integral drainage, creating a seamless transition from interior to exterior

Dual, Triple, and Impact glazing is available to accommodate unique customer needs

Retractable screens can be integrated, allowing for maximum ventilation and protection from insects

Offered in a multitude of configurations to allow for maximum customization; pocketing, stacked, radius and corner units are all available



Lake Flato Architects | Casey Dunn Photography



LaRue Architects | Foursquare Builders | Casey Dunn Photography

BiFold

A large opening that makes for a stunning transition to the fresh air and spaciousness of outdoor living.

BiFold Doors are made up of multiple door panels that fold open. Loewen BiFold Doors are available in configurations of up to 16 panels, which allows for openings of up to 52 feet wide. Folding to the outside so as not to disturb interior furnishings, BiFold Doors put outdoor spaces in a new perspective.

FEATURES

Our BiFold Doors use the same panels as our Terrace Doors and French Doors, ensuring seamless continuity of aesthetics between product lines

System-wide configurations of up to 52 feet with panel heights of around 9 feet

Configurations can include a man-door for an alternative entry/exit method

Utilizes the same stainless steel multipoint gear as our swinging doors

Unique to this product, the weight of the door is carried at the head

Retractable screens can be integrated, allowing for maximum ventilation and protection from insects



SLIDING PATIO

Loewen Sliding Patio doors open up the walls in your home to new possibilities.

Our easy operating tandem rollers make Loewen patio doors a joy to open. Heavy laminated sash construction and tempered safety glass make these some of the safest patio doors on the market. Security is taken even further by incorporating an anti-panel-lift device into every patio door.

FEATURES

Standard luxurious European multipoint lock system with stainless steel components for corrosion resistance

Standard 2 1/4" thick panels for all Patio and French patio doors which allows for True Triple sealed unit, resulting in maximum energy efficiency

Our standard stile and rail construction is a thick skin of vertical grain Coastal Douglas Fir over an engineered Coastal Douglas Fir core



MULTISLIDE

Large Dramatic Openings

This flexible offering includes straight-stacking, bi-parting, pocketing, and corner configurations. Dramatic indoor/outdoor transitions are easily achievable as our standard sizes go up to panel sizes of 6 feet by 12 feet, or an overall system width up to 48 feet (size has an impact on performance values available).

FEATURES

Aluminum cladding conceals a fiberglass frame and sill ensuring exceptional thermal performance while maintaining a durable and consistent finish

Square sill can be installed flush with flooring and includes a discrete drainage system allowing for exceptional performance with a minimalistic profile. Risers are available to increase performance and can be added post-install.

Quad rollers increase weight capacity and make panels easier to roll, adjustments are concealed on the end of the panel maintaining a clean aesthetic

Re-designed interlocks increase performance and ease of operation

Designed with a knocked-down frame for effortless installation



DOOR HARDWARE FINISHES

Terrace Door

Dallas



Satin Nickel (PVD*)



Matte Black



Polished Brass (PVD*)



Dark Bronze Metallic (PVD*)



Rustic Umber

Meran



Satin Nickel (PVD*)



Oil Rubbed Bronze



Matte Black



Antique Brass

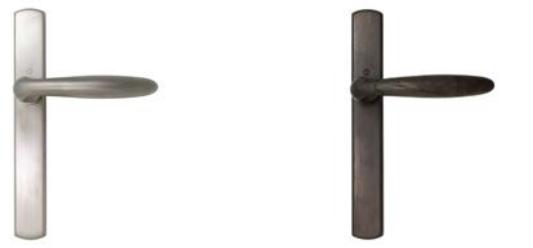


Brushed Chrome (PVD*)



Polished Brass (PVD*)

Verona



Satin Nickel (PVD*)



Oil Rubbed Bronze



Matte Black



Antique Brass



Brushed Chrome (PVD*)



Polished Brass (PVD*)

Rodos



Satin Nickel (PVD*)



Oil Rubbed Bronze



Matte Black



Antique Brass



Brushed Chrome (PVD*)



Polished Brass (PVD*)

Sand Cast Bronze



Churchill Rustic Bronze



Shropshire Rustic Bronze

PVD* - Offerings with this designation utilize protective finishes that are appropriate for humid coastal environments.

MultiSlide & Patio Door

Miami



Satin Nickel (PVD*)



Matte Black



Bronze (PVD*)



Polished Brass (PVD*)

Sand Cast Bronze



Churchill Rustic Bronze (MS Only)

Flush Handle



Satin Nickel (PVD*)



Matte Black



White

Botticelli



Satin Nickel (PVD*)



Oil Rubbed Bronze



Matte Black



Antique Brass



Bronze (PVD*)



Polished Brass (PVD*)

Fontana



Satin Nickel (PVD*)



Oil Rubbed Bronze



Matte Black



Antique Brass



Bronze (PVD*)



Polished Brass (PVD*)

Ashford (MS Only)



Satin Nickel (PVD*)



Matte Black



Bronze (PVD*)



Polished Brass (PVD*)



LiftSlide Door**Modera**

Satin Nickel (PVD*)



Oil Rubbed Bronze



Matte Black



Dark Bronze



Polished Brass (PVD*)

Marcos

Satin Nickel (PVD*)



Oil Rubbed Bronze



Matte Black



Dark Bronze



Polished Brass (PVD*)

Flush Handle

Silicon Bronze Dark



Silicon Bronze Dark Lustre



White Bronze Brushed

Storm & Screen Door**Tampa**

Satin Nickel



Oil Rubbed Bronze



Matte Black

Concord

Matte Black



Storm and Screen Door

TIMBER CURTAIN WALL

Advanced European engineering meets modernized design with one of our most recent innovations.

Our Timber Curtain Wall system offers new design possibilities for the architectural community. These impressive contemporary vistas offer slim sight lines and large glass, all without sacrificing performance. The expansive views of our Timber Curtain Wall ultimately work to expand the home, let in more daylight, and enable customers to feel at one with nature.

FEATURES

Engineered wood timbers are available in Coastal Douglas Fir (standard) as well as optional species, including Honduran Mahogany and White Oak

In addition to aluminum cladding, exterior cladding is available in wood or Cyprium

Pre-assembly at our facility (including fasteners and gaskets) ensures a smoother jobsite installation

The water management system, designed to drain water vertically, eliminates unsightly drainage holes on horizontal faces



CYPRIUM COLLECTION

Loewen's Cyprium product combines modern technologies with old world appearance.

The Loewen Cyprium Collection features copper and bronze clad windows and doors unique in design and construction. Besides being clad in copper and bronze, the actual design and construction of these windows and doors is robust and artisanal. All seams are hand-soldered for a distinctive look and architectural authenticity. These hand-wrought living surfaces develop distinctive patinas that adopt and define the individual aesthetic character of the homes to which they belong.

FEATURES

Custom artisan-applied patina for accelerated aging

Common frame cladding and recessed mullions are architecturally correct and authentic

Thick copper and bronze cladding are rarely both offered from the same manufacturer

Authentic exposed solder joinery for water performance and structural integrity



Hand Soldered Joints

Lead-free hand soldered joints render an authentic appearance that is both attractive and functional. Soldered joints create a cohesive body for frame and sash members resulting in a uniform structure.

Recessed Mullion

Recessed from the face of the sill and frame, this classical mullion detail adds visual harmony. Cyprium's deep sills are well suited to masonry wall construction.



Factory-Applied Patinas

The Copper and Bronze can be factory-patinaed to represent the rich look of years of aging. Copper and Bronze are living materials and the environment plays a huge part in how the finishes will change and deepen with time.

*Photos are representative only and may not reflect the true finishes.



Copper Natura



Bronze Natura



Copper Umbra



Bronze Umbra



Copper Verdigris



Bronze Verdigris

STORMFORCE SERIES

Our impact-rated offering for maximum protection.

Our structurally enhanced StormForce products are tested and certified by independent agencies. These third-parties test our products based on extreme conditions and varying product sizes. There are several different certifications throughout our product offering including Wind Zone 4 and Wind Zone 3, which are ASTM standards, and High-Velocity Hurricane Zone (HVHZ), which certifies products meet code compliance in the Miami-Dade and Broward counties in Florida.

FEATURES

Purposely designed to withstand all of nature's harshest elements – hurricanes, tropical storms, high winds, driving rain, sweltering heat and freezing cold

No unsightly brackets and/or locks commonly seen on coastal products

The same architecturally correct styling and industry-leading thermal performance seen in our other product lines



Impact Glazing

A compromised building envelope during an extreme weather event can cause catastrophic damage to a home, as strong winds can now enter the structure with no way out. Loewen's impact glazing prevents windborne debris from penetrating the home. Even when broken, the glass fragments remain integral, adhering to the plastic interlayer, to preserve the building envelope.

All Loewen StormForce products use industry leading laminated glass. Laminated glass has the look of ordinary glass but offers a fortification against accidental impact, forced entry, sun damage, and noise that far surpasses that of standard glass.

OUR OFFERING (INCL. CERTIFICATIONS)

Awning & Casement Windows – Wind Zone 4 and HVHZ

Picture Windows (Rectangular/Square Shapes) – Wind Zone 4 and HVHZ

Picture/Direct Set Windows (Specialty Shapes) – Wind Zone 4

Double/Single Hung Windows (incl. Fixed) – Wind Zone 4 and HVHZ

Inswing Terrace/French Doors – Wind Zone 3

Outswing Terrace/French Doors – Wind Zone 4 and HVHZ

Sliding Patio Doors – Wind Zone 4 and HVHZ

LiftSlide Doors – Wind Zone 4 and HVHZ

MultiSlide Doors – Wind Zone 3



Information subject to change without notice.

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