



LUXBAUM
WINDOWS + DOORS



PURSUING PERFECTION



EXCEEDING EXPECTATIONS

Craftsmanship is a journey rather than a destination. We create luxury impact resistant windows and doors that are designed to stand the test of time. Singularly crafted from one of the most miraculous timbers found on earth, we offer a line of products unlike any other.

Luxbaum defines a tier that exceeds expectations.

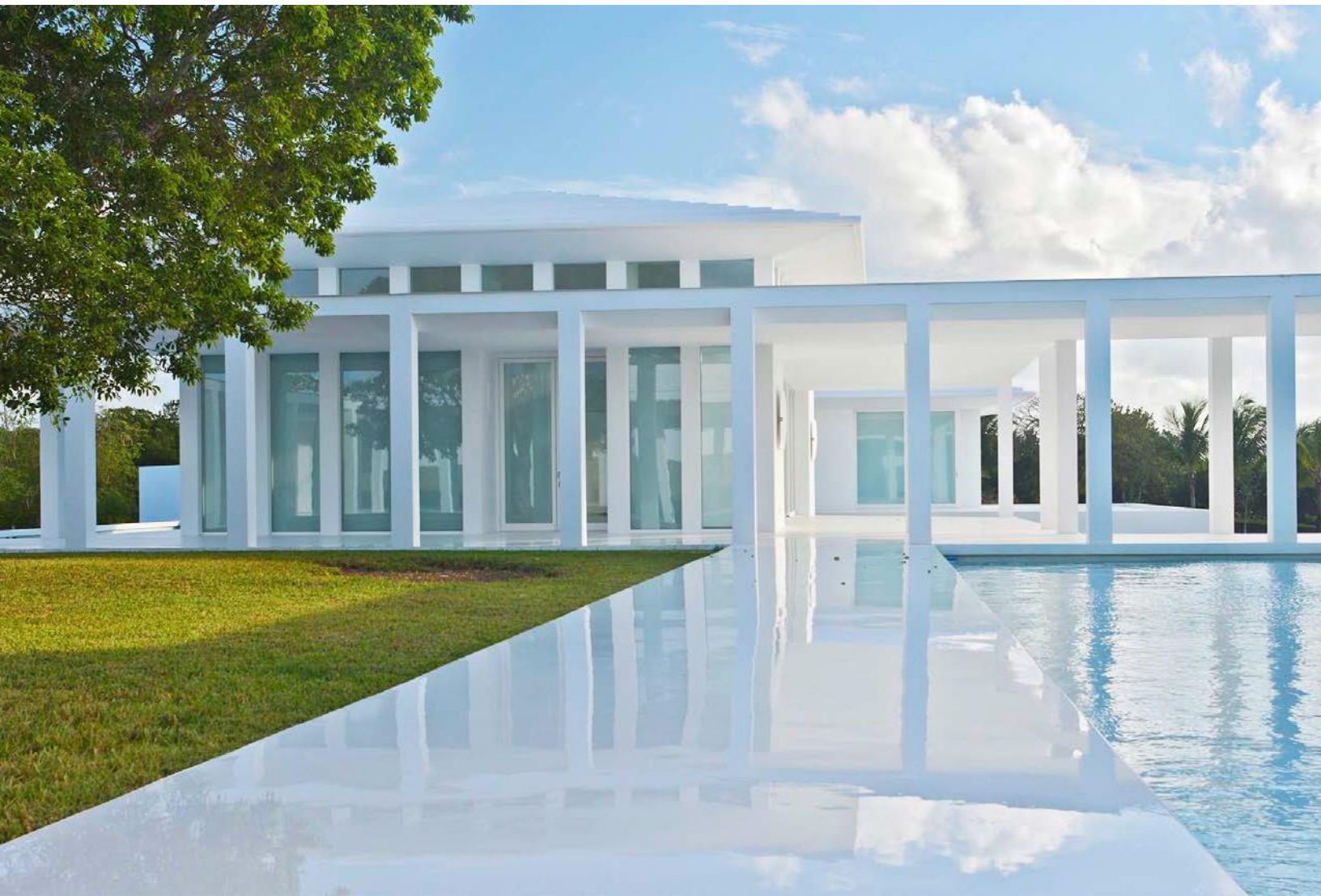


A LIVING LEGACY

Our story is one of a commitment to perfection.

Luxbaum's founder Laszlo Wagner studied architecture at the University of Vienna and then dedicated his career to building high-end residential construction projects in Toronto and the hurricane-prone Palm Beaches. The intriguing discovery of merbau with its convincing physical properties inspired him to develop the finest line of impact resistant windows and doors ever made.





MERBAU

A remarkable discovery

- Merbau is nearly twice the strength of Honduran mahogany and is consequently more durable
- Merbau is more termite-resistant than Honduran mahogany
- Merbau is more water-resistant than teak
- Merbau is also flame-retardant

Merbau's strength allows for great design flexibility, which enables us to create remarkably large wooden luxury windows and doors with extremely thin profiles. We build the largest hurricane-resistant windows and doors anywhere - in every category. Of course, every single window and door Luxbaum creates, passes Florida Product Approval testing, which requires home construction products to go through a series of rigorous hurricane tests designed to simulate intense storm-like conditions.

As a result - what makes it hurricane resistant - also makes it naturally burglar-proof. As such, Luxbaum is uniquely positioned to provide windows and doors for high-end construction needs.



HARDWARE

Superior components and working systems

We use only the finest mechanical components in our fabrication process. That includes true multi-point locking systems in our doors, casement windows and folding door units — with a minimum of five and maximum of 15 locking points, depending on the size of the unit.

Our folding door products also utilize a proprietary system that eliminates the need for surface mounted flush bolts. This innovative design, combined with our attention to finest detail in our impact resistant folding doors, earned Luxbaum the 2009 Crystal Achievement Award from Window and Door magazine.

The double-hung and single-hung windows we design utilize a true weight, chain, and pulley system in the classic, elegant European tradition. The lift-and-slide system doubles the operating carriage hardware, allowing 1000-pound panels to glide easily with the simple push of a finger. Our sash design features a dual-gasket system of uninterrupted gaskets that seal the airspace between the sash and jamb, protecting all hardware components from exposure to the weather.



DECORATIVE HARDWARE

Finish Options (Metals and Patinas)

Luxbaum Windows + Doors works with Rocky Mountain Hardware to offer our clients premium, solid bronze decorative hardware for all Luxbaum windows and doors. Rocky Mountain Hardware offers the following metal and patina options:



Silicon Bronze Light (BL)

White Bronze Light (WL)



Silicon Bronze Medium (BM)

White Bronze Medium (WM)



Silicon Bronze Dark (BD)

White Bronze Dark (WD)



Silicon Bronze Rust (BR)

White Bronze Brushed (WBB)



Silicon Bronze Brushed (BBB)

NEW White Bronze High Polish (WHP)



NEW Bronze High Polish (BHP)

DECORATIVE HARDWARE

Casement Window Escutcheon Plate

Shown here are the most popular casement window escutcheon selections. Several lever choices are offered in coordinated Mini (Window) and Standard (Door) sizes. Both Mini and Standard sized levers can be chosen for windows based on personal preference. Additional lever options are available.

Options: Curved, Arched, Rectangle or Stepped

(window plates are 4-1/2" long, unless otherwise specified)



Curved escutcheon shown with the LW80 Mini Monarch window lever in silicon bronze, brushed patina.



Arched escutcheon shown with the LW60 Mini Harrington window lever in silicon bronze, dark patina.



Rectangular (3") escutcheon shown with the LW20 Mini French window lever in silicon bronze, rust patina.



Rectangular (4") escutcheon shown with the LW20 Mini French window lever in silicon bronze, brushed patina.

Stepped escutcheons also available for windows. (see Door escutcheon images)

DECORATIVE HARDWARE

French Doors Escutcheon Plate

Coordinated levers and escutcheons allow for cohesive window and door hardware throughout a residence. Shown here are the most popular French Door escutcheon selections. Additional lever options are available.

Options: Curved, Arched, Rectangle or Stepped

(Door plates are 11" long, unless otherwise specified)



Stepped 1 3/8" x 11" escutcheons shown in patio function with the L182 Ribbon & Reed lever in silicon bronze, light patina.



Arched 1 3/4" x 11" escutcheons shown in patio function for an American cylinder with the L075 Ellis lever in silicon bronze, rust patina.



Stepped 1 3/4" x 11" escutcheons shown in entry function for an American cylinder with the L140 Harrington lever in silicon bronze, medium patina.



















Arched 1 3/4" x 11" escutcheons shown in entry function for a Profile cylinder with the L075 Ellis lever in white bronze, medium patina.

Curved and Rectangular escutcheons also available for doors.
(see window escutcheon images)

DECORATIVE HARDWARE

Lever Options (Standard Profile)

Some Levers are not suitable for Slim profile

			
L102 Squirrel Tail	L104 Hook	L105 Beaver	L107 Slugger
			
L109 Legacy	L110 Classic	L117 French	L118 French Twist
			
L119 Long Legacy	L123 Old World	L126 Triple Twist	L127 Scroll
			
L130 Monarch	L132 Square Twist	L140 Harrington	L163 Euro

DECORATIVE HARDWARE

Lift and Slide Doors

Lift and Slide Doors require longer lever handles than French Doors. Rocky Mountain Hardware offers several levers to coordinate an entire hardware program.



Long Coupler Lever (L331)



Long Olympus Lever (L145)



Long Old World Lever (L139)



Long Legacy (L142)



Long Monarch Lever (L138)

DECORATIVE HARDWARE

Accessories

Sash Stays

Occasionally there is a desire for sashes to remain in a fixed open position. Rocky Mountain Hardware offers the most durable, and dependable options to achieve this for both Casement Windows and French Doors, finished to coordinate with hardware selection.



Casement Windows Adjuster - Sash Stay



French Door - Hook & Eye
(Additional Options available)

Door Stops

Rocky Mountain Hardware offers several styles of Doors Stops, finished to coordinate with hardware selection.

Please contact Luxbaum for pricing.



Floor Stop
(DS230)



Floor Stop
(DS232)



Baseboard
Stop (DS141)



Baseboard Stop
& Holder
(DSH301)

FABRICATION

How it all comes together

Luxbaum strives for best practices in all aspects of fabrication, with the goal of providing the highest standard of excellence. The joinery of the sashes and the jambs employs coping and doweling - certified by the *ift Rosenheim GmbH* to be the strongest possible method of wood joinery.

Our joinery method exceeds the reference standard for quality and consistency of construction.



GLAZING

Quality and durability where it matter most.

Glazing takes place at Luxbaum's headquarters in West Palm Beach, where we employ a method called wet glazing. The triple wet glazing process we use involves setting the glass into a three- sided bed of sealant that seals both its faces and edge to the sash. This completely encapsulates the glass into the wood geometry.

We also utilize an SGP interlayer in our impact-resistant products. Although more expensive, SGP glass is hydrophobic, meaning it repels water. The more commonly used hydrophilic PVB layer actually attracts water, which could lead to clouding or delamination, and eventually require replacement. Luxbaum's glass choice and glazing method align with the company's mission: to create the best possible product.



FINISHING

Perfection right to the finish

Luxbaum pre-finishes all products in the factory using only the finest environmentally friendly AkzoNobel Joinery Wood Coatings. Our five-coat process offers unmatched durability and lasting beauty for all our products, exceeding the performance of a three-coat finish, the current industry standard.

Ultraviolet degradation of wood finishes is a reality, and Luxbaum plans accordingly. A south-facing home that receives a lot of direct sunlight may lose 10 to 15 microns of finish annually due to U.V. radiation.

Luxbaum's industry-leading 240-micron finish means our products will perform longer than those, who use only a 140-micron finish. The superior appearance of this finish is further enhanced through a hand sanding by our carpenters between each of the five coatings.





INSTALLATION

A seamless experience

Luxbaum's quality commitment doesn't stop at the factory doors, as we strive to provide our customers with a seamless delivery and installation experience.

With this in mind, Luxbaum's units arrive at job sites in their own individual crates. This individual packaging ensures proper handling and delivery of our fine wood products. Custom made accessories such as brickmold, casings, or jamb extensions are also packed appropriately in the same crate — and an advanced shop drawing of each unit is included in its crate. These drawings do not only show a typical graphic rendering of the products, Luxbaum's advanced shop drawings integrate both architectural and engineering elements into the installation equation. We consider ourselves part of your design team, and as such provide you with the advanced specifications you need to facilitate a smooth installation on our windows and doors.

Any installation challenges on-site are also mitigated by the strict quality control we engineer into every unit. All units are pre-drilled for fasteners, with finish applied to the drilled penetrations to protect the beautiful surface of our products. Rabbits are cut into the interior side of the jamb, the location of which being at the architect's discretion, so they can accept trim, casing or jamb extensions. Brickmold is handled in the same fashion, and pops into place with biscuit joints. Finally, we engineer a small piece of trim that covers the mounting fasteners in the jambs. That means there will be only beautiful wood showing, instead of steel screws in the frame when the casement window is opened - as expected from a fine piece of furniture.

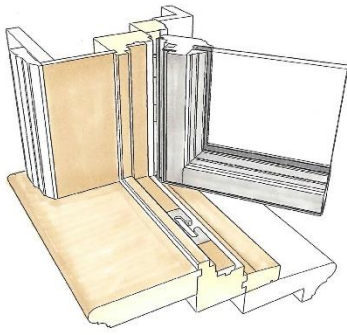
This attention to detail is yet another criteria that makes Luxbaum unique in the market and allows ease of installation for a perfect end result.



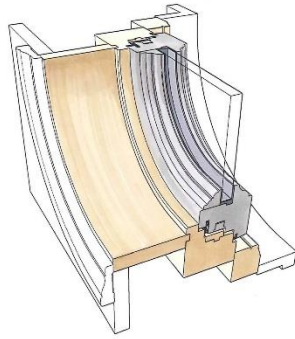


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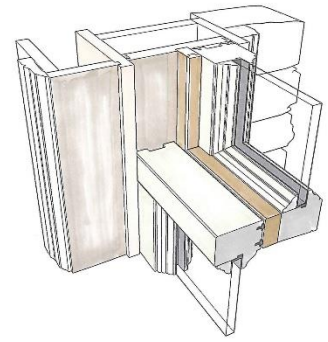
PRODUCT LINE



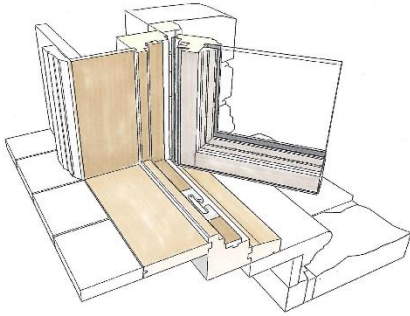
CASEMENT WINDOW



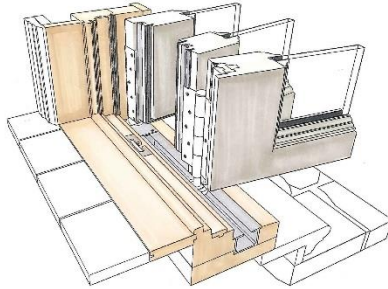
FIXED CASEMENT WINDOW



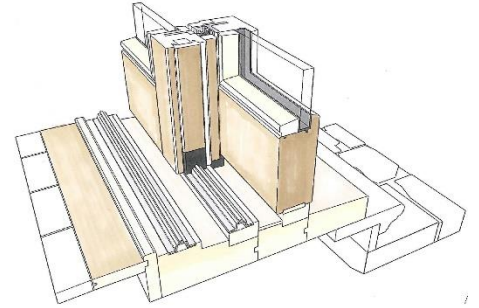
DOUBLE HUNG WINDOW



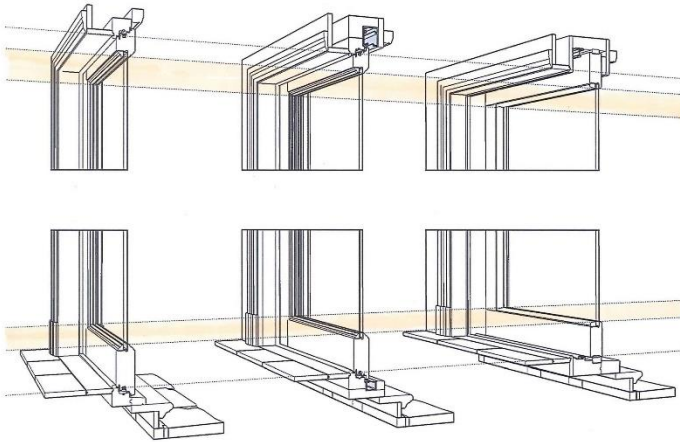
FRENCH DOOR



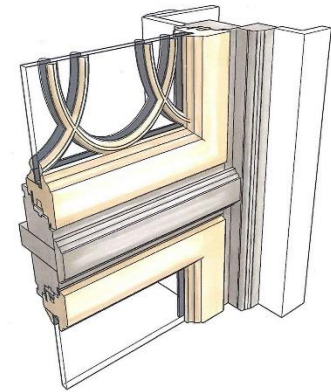
FOLDING DOOR



LIFT + SLIDE DOOR



SIGHTLINE CORRELATION



CUSTOM ELEVATIONS



DIRECT GLAZED



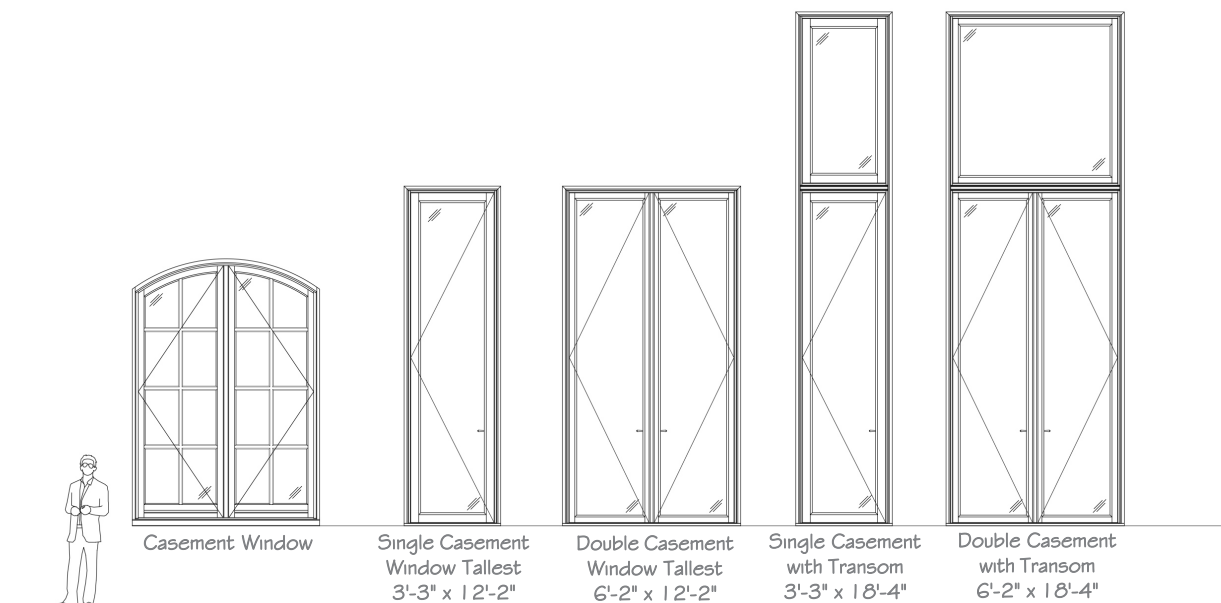
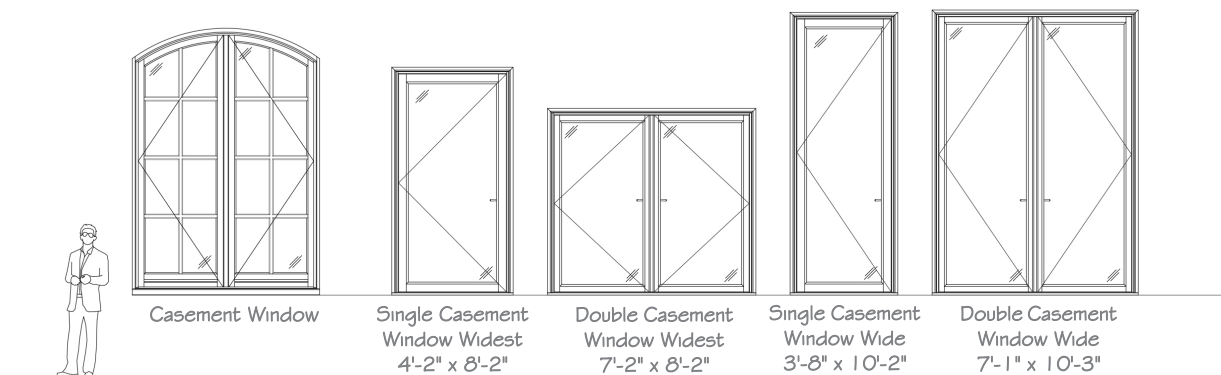
MAXIMUM DIMENSIONS

CASEMENT WINDOWS

Impact Resistant Casement Windows

Our line of custom-built casement windows offers you a highly flexible design solution. Crafted from merbau, one of the world's most durable and visually stunning species of wood, our casement windows are architecturally coordinated with our entire product line for a consistent appearance — while still allowing a great variety of profile designs and sizes:

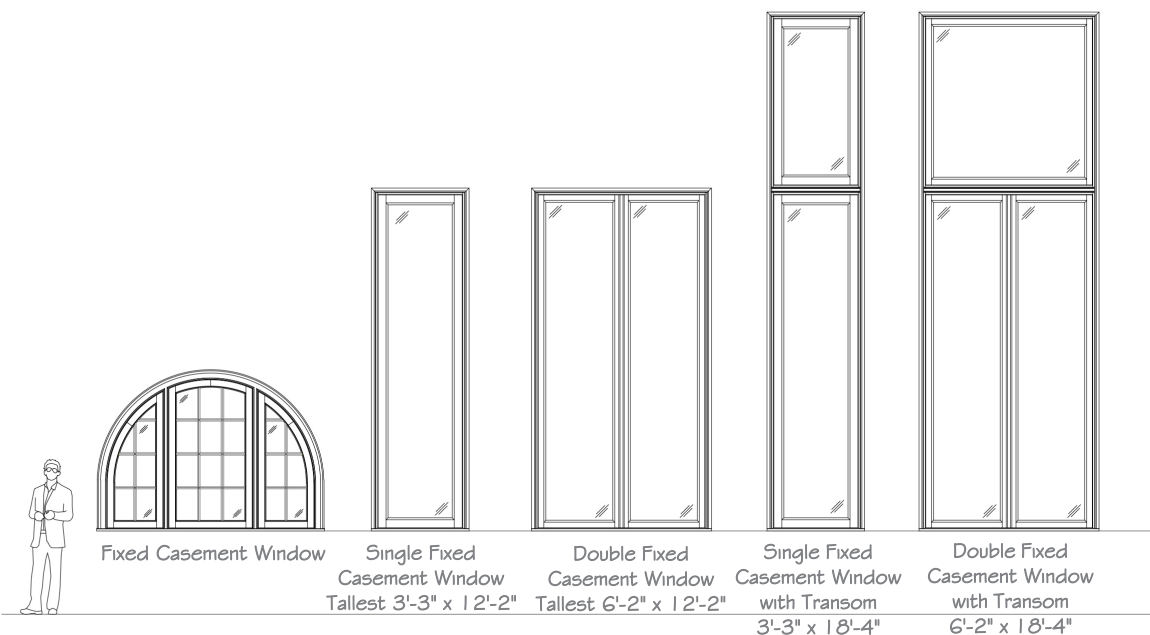
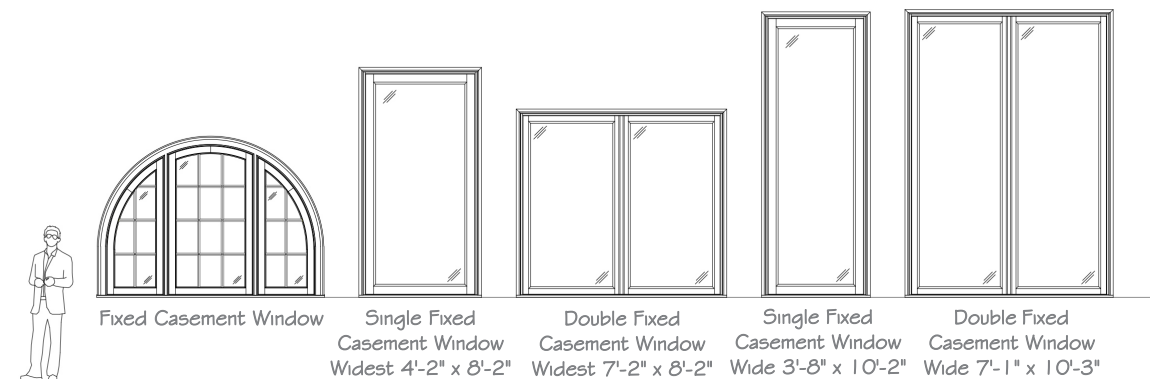
- Three Style Widths
- Three Style Profiles
- Fourteen Muntin Profiles



FIXED WINDOWS

Impact Resistant Fixed Windows

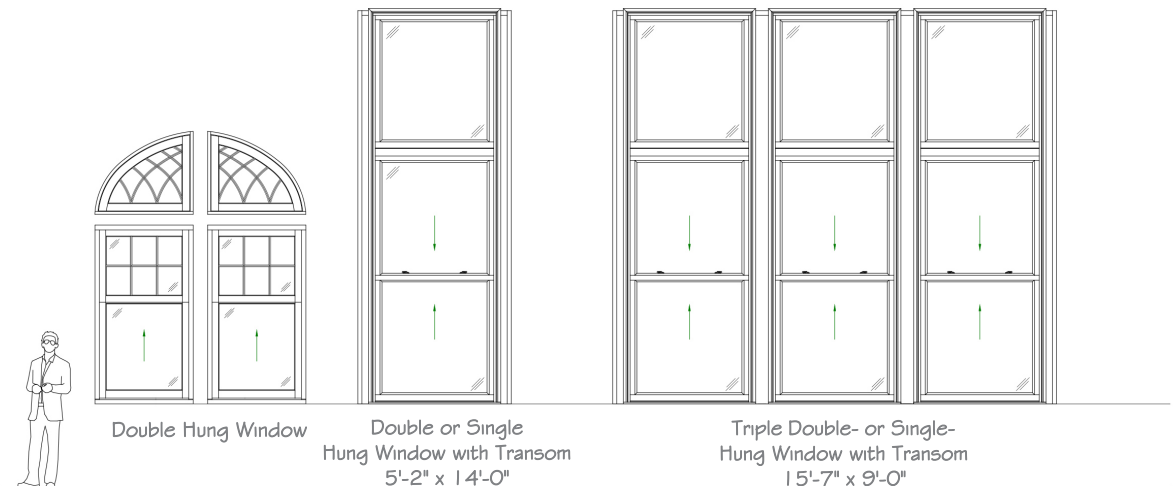
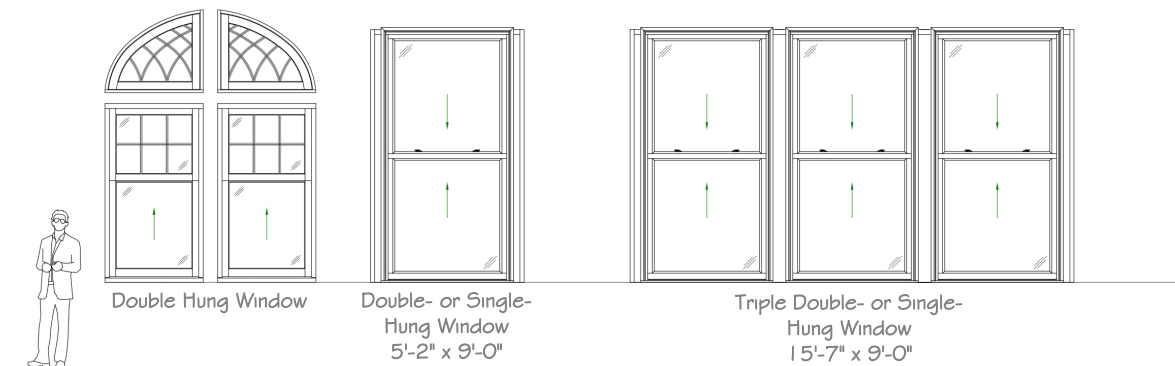
As with the rest of the Luxbaum product line, our fixed window profiles are architecturally coordinated for a consistent appearance. A fixed window can share the same profile as the operable windows and doors, creating a visually appealing set of sight lines across an elevation.



DOUBLE HUNG WINDOWS

Impact Resistant Double Hung Windows

Created in the classic European tradition that features a traditional weight, chain and pulley system, with a variety of finishes available for each selection, our double-hung window series is an elegant offering that harkens back to the very origins of fenestration. As a result of their fine design and engineering, our double-hung windows provide some of the slimmest interior profiles along with the greatest glass-to-frame ratios available.



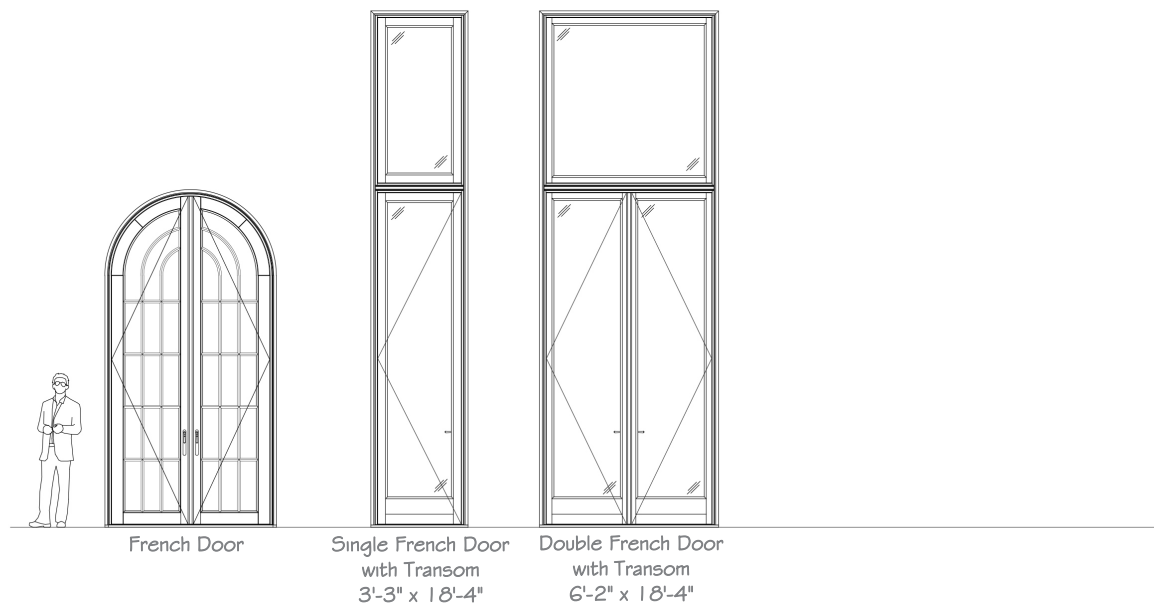
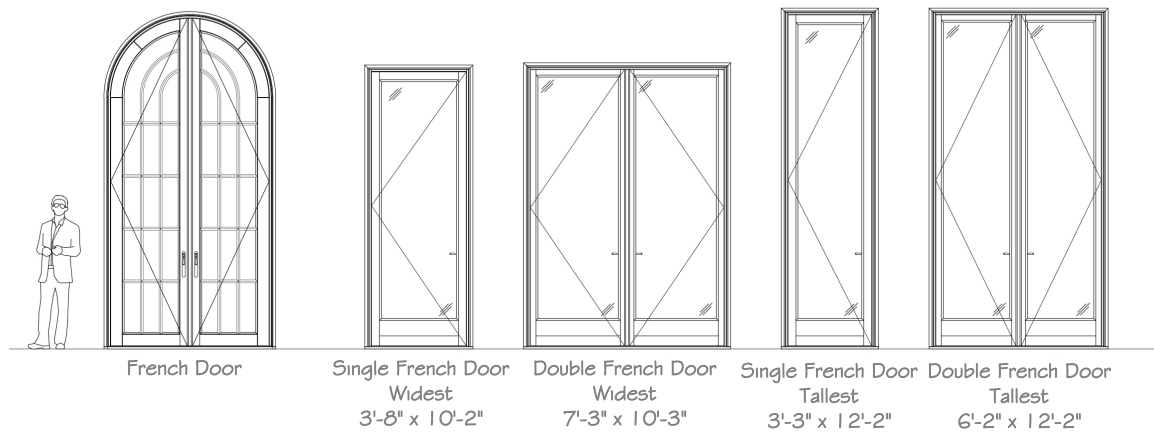
FRENCH DOORS

Impact Resistant French Doors

When it comes to making a statement via an architectural element, nothing quite matches up to the grace and style of a 12-foot-high, Luxbaum-built French door. By definition, French doors usually come in pairs, with glass panes that extend most of their length to let in a lot of light.

So, the large-sized doors we offer let you design with an emphasis on light in a variety of architectural solutions – design flexibility:

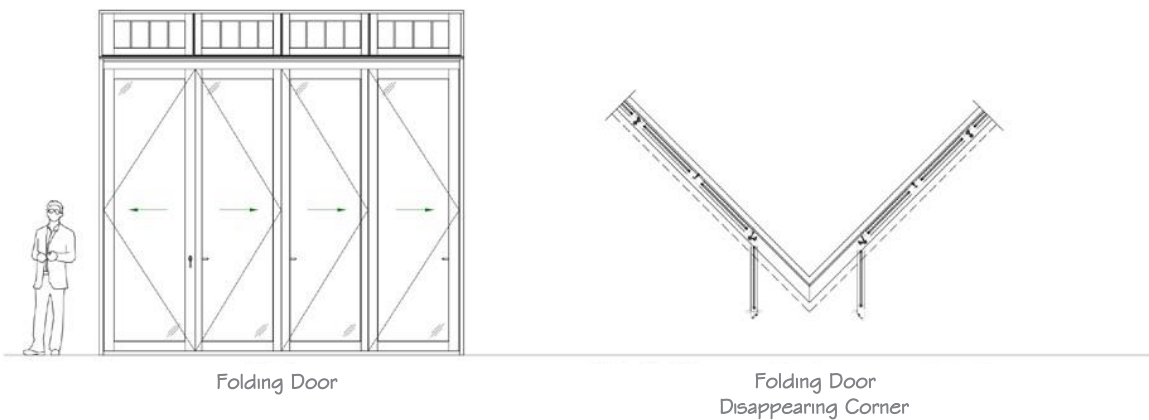
- Three Style Widths
- Three Style Profiles
- Fourteen Muntin Profiles



FOLDING DOORS

Impact Resistant Folding Doors

Luxbaum's award-winning folding door system utilizes an internal, hidden locking system that secures the doors in place. This clean approach to design means the beauty of our doors isn't marred by unsightly "shoot bolts" on the exterior of sashes that can give a cluttered look. Our folding doors also feature a "disappearing corner" function that totally opens a room to the beauty and view expected by the most discriminating clients.



LIFT AND SLIDE DOORS

Impact Resistant Lift and Slide Doors

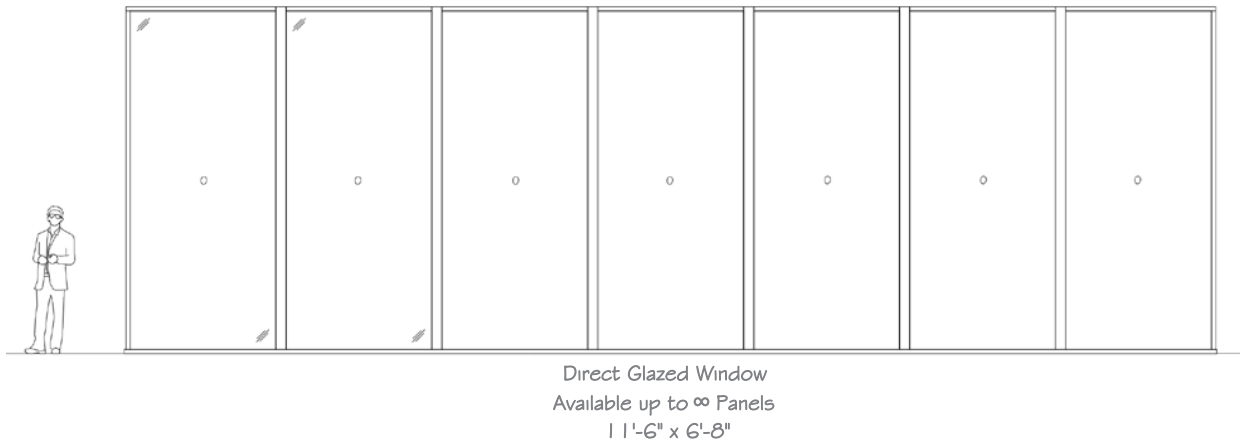
The largest hurricane-tested lift-and-slide door on the market is something that must be seen in person to truly appreciate. At over 13-feet high, with up to eight panels that can pocket into a wall, it is an achievement of design and engineering that immediately becomes the showpiece of any structure. Luxbaum's lift-and-slide doors make a bold statement.



DIRECT GLAZED WINDOWS

Impact Resistant Direct Glazed Windows

By eliminating the sash entirely, and maximizing the glass surface, our Direct Glazed Windows allows a beautifully clear, unobstructed view. Perfect to bring the outdoor view to your home. These non-operational windows feature a low profile frame that can go up to 6'-8" x 11'-6" and a unlimited number of modules horizontally.



Let us build yours today.

Peter Stalder, Installation Manager; David Vander Wiele, Senior Installation Manager;
Judy Wilber, Project Manager; Andrea Mendoza, CAD Manager



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