



**FENSTÜR**  
Windows and Doors



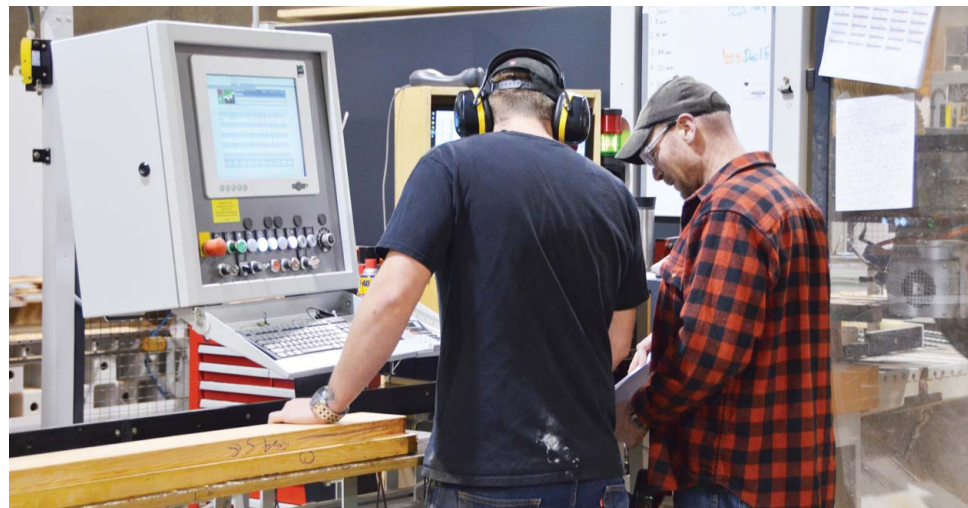
Manufactured in Canada



## ABOUT US

Fenstür Windows and Doors, located on Vancouver Island, was born out of Wescon Cedar Products Ltd. Wescon was established in 1985 by 2 brothers in Duncan, BC. It has grown from a basement startup to a 50,000 ft<sup>2</sup> manufacturing facility that employs over 30 skilled craftsmen and produces over 20,000 doors and windows annually. As Wescon's flagship brand, Fenstür builds on three decades of quality craftsmanship and integrates advanced technology with environmentally sustainable processes to deliver architectural quality and high-performance windows and doors for a discerning clientele and high-end custom builds.

Fenstür is emerging as a pioneer in the value - added wood sector, setting new standards for the manufacturing and distribution of energy efficient windows and doors in Canada and the Pacific Northwest. Fenstür's products embody nature's finest wood, refined craftsmanship, and state of the art manufacturing techniques to ensure quality and long lasting performance. Fenstür is a 3<sup>rd</sup> generation family owned and operated business with guaranteed, responsive, customer-focused support for custom design, delivery, installation, and long-term maintenance.



## OUR MANUFACTURING PROCESS

Our attention to detail at each stage of manufacturing is what truly sets us apart. We cut and dry our own wood, produce our own components, finish the assembled products, and offer installation and maintenance services.

### MATERIAL PREPERATION

Our location on Vancouver Island offers the finest softwoods in the world, including Douglas Fir, Cedar, Alder, and Hemlock. The Province of British Columbia has strict forest management policies, ensuring trees are sustainably harvested and the surrounding ecosystems are protected. While most of our competitors source their wood and components from third parties, we work directly with local forestry companies and sawmills. We personally select logs for milling, which we cut and dry in our own facilities, allowing for impeccable quality control. If a wood species isn't available locally, our close proximity to the Port of Vancouver means we have access to a variety of exotic woods.

### MACHINING

Fenstür uses state-of-the-art CNC machinery and tools to precision cut and assemble its products. Orders are tracked and continuously inspected for quality to make sure every door and window meets your project's requirements.

### FINISHING

Each Fenstür window and door goes through a unique four-stage finishing process before glass is glazed and hardware installed. These four stages protect the wood from diverse weather conditions and other environmental factors, such as fungi and insects. The first stage of finishing is to impregnate the wooden components with a preservative that provides fungal and bacterial protection. The impregnator also binds to cellulose in the wood fiber, blocking water absorption sites to reduce the effect of swelling and shrinkage from changes in humidity. Stage two is the staining (or priming) of the door, which adds UV protection along with colour. While standard stain or paint colors are readily available, custom colors or color matching to existing woodwork is also an option. Stage three is sealing the grain, which fills the grain to help block the effects of moisture and the air on the wood. It also builds the surface of the wood up, smoothing it for an even top coat of paint. The fourth and final stage of the finishing process is to topcoat the product, which becomes the first line of defense for your window or door against water and other outside elements.

### FINAL ASSEMBLY

All Fenstür windows and doors are completely assembled and performance tested, meaning you can be confident you are getting the best possible product for your project.



All Fenstür products are 100% made in Canada.



Canada's first wooden PH window and door manufacturer.







## WHY WORK WITH FENSTÜR?

### EXPERIENCE

Over 30 years in the industry brings considerable insider knowledge and expertise to our craft. Our skilled craftsmen have dedicated their careers to perfecting the art of making windows and doors.

### CUSTOM

Customization is priority for us. We can build your doors and windows exactly how you want them and to the highest quality standards. From choosing the wood species, to deciding on your hardware, we encourage our customers to be active participants in building their custom windows and doors. We also follow up with our customers to ensure our products are performing to the Fenstür quality standards.

### LOCAL

Less than 2 hours from Vancouver and accessible by car, ferry, and plane, Fenstür is ideally located to serve our west coast customers. Vancouver Island also gives us unprecedented access to the best softwood in the world. Our family's commitment to work culture and craftsmen skill means we deliver quality to you, our customers.

### EUROPEAN DESIGN & QUALITY

When you commit to windows and doors from Fenstür, we guarantee a quick lead time from start to finish. Our with a capital to start the sentence wood is hand-sourced and manufactured locally, you won't have to wait weeks for your custom doors and windows to arrive. Why wait when Fenstür can provide you with products better, faster, and with a 100% Canadian craftsman commitment.

### GREEN MANUFACTURING

We continuously adapt our manufacturing process to ensure we go beyond industry sustainability standards. To keep waste to a minimum, we not only promote lean manufacturing techniques, but also use scrap wood and sawdust in the manufacturing of firewood bricks. For Fenstür, environmental consideration is a priority. You can be sure the environment means as much to us as it does to you.

### CUTTING EDGE TECHNOLOGY

We combine years of woodworking and forestry experience with our state-of-the-art production plant. Our craftsmen produce precise and accurate designs, and our CNC machines ensure accuracy and consistency in manufacturing our products. Using this emerging technology helps us stay ahead in the industry and provides you with the best products available.

*"Why Fenstür? The quality of their doors is top notch and the customer service is amazing."*

- Steve

*"In my 10 years dealing with Fenstür we have found that there product and integrity are second to none they are our go to folks for high quality doors"*

- Dave H.

*"Fenstür has awesome customer service, and builds a superior quality door. Thank you."*

- Jim T.

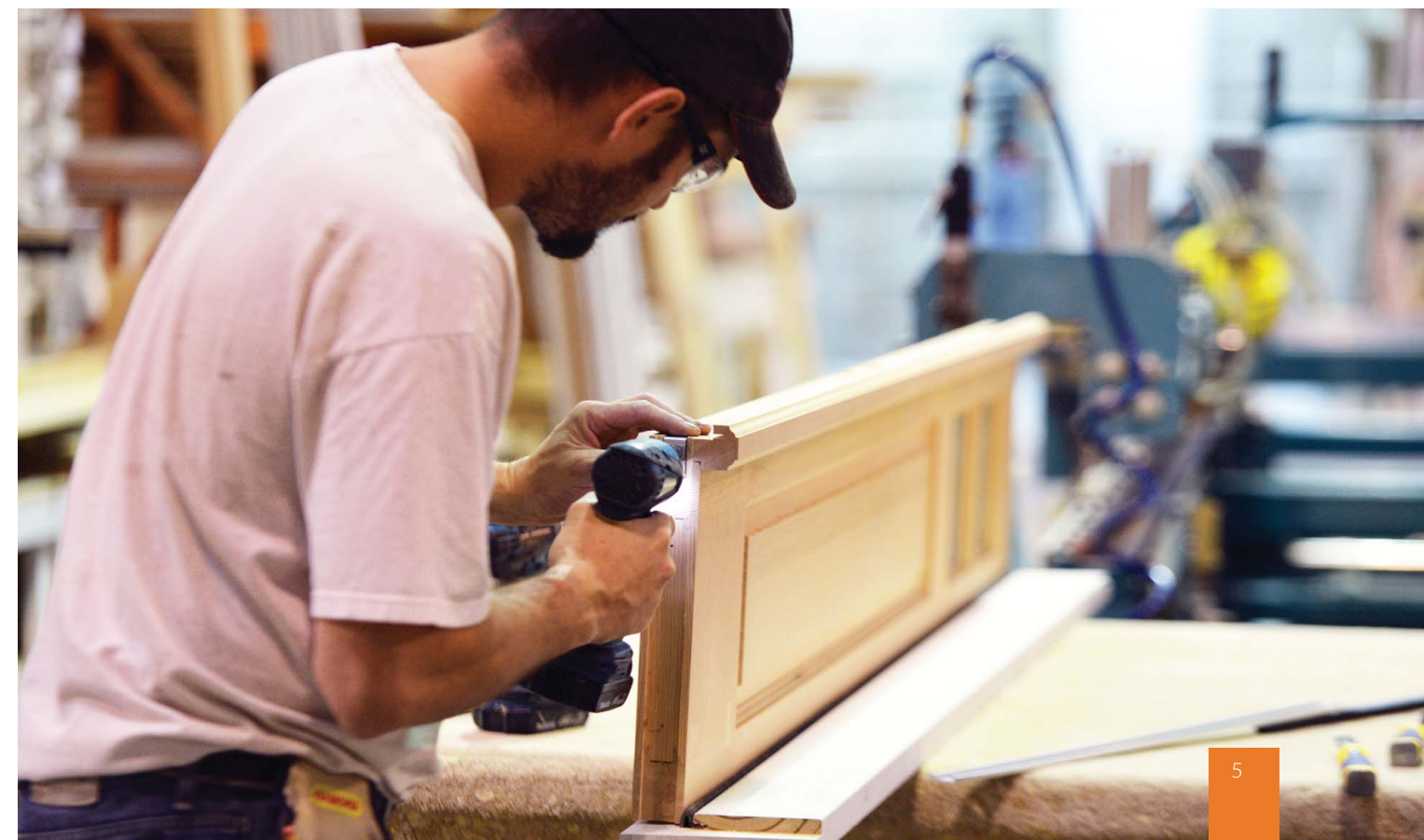
## DESIGNING YOUR WINDOWS & DOORS

Doors and windows are integral to every home, reflecting style and preference while providing comfort and security.

Buying new doors and windows can be challenging and a big investment. At Fenstür we work with you to design your windows and doors. Choose from a variety of wood species, shapes, sizes, and hardware, or bring your own design to life. Together we can ensure your dream project becomes a reality.

Browse through our extensive collection of designs. Get inspired by the beauty of wood. Imagine your home with our luxurious products. Not only do Fenstür products add timeless elegance and beauty to your life, they also save you energy while complementing your lifestyle. Whether you are a builder, a homeowner, an architect or designer, we are confident our product line will work in even your most challenging projects.

At Fenstür, we have a passion to be the very best and deliver the very best, always.







# CASEMENT WINDOWS

Our push-out casement windows are one-of-a-kind. Over 1000 design and engineering hours were invested into our window line, with input from multiple countries including Canada, the USA, Germany, Austria, Italy, England, and the Czech Republic. Extremely unique and rare in North America, these windows are flush with the interior and exterior side of the frame, feature two air and water-tight continuous gaskets around the perimeter (one on either side of the hardware to protect it from the environment), and are constructed to exceed expectations and demands of a humid coastal environment. Locks can wrap around window corners to provide multiple locking points on all sides for high security and sealing performance.

We designed these casement windows to accept a wide range of hardware for the most demanding environments. Even the gaskets (weather stripping) in the window are custom extruded to our own geometric design, as no existing gasket fit our needs and unique sealing geometries. Casement windows can be turn only, or tilt and turn out.

- No standard paint or cladding colors
- NAFS certified with thermal ratings
- Available with dual or triple pane thermal glass

- Designed for increased glass area
- No standard sizes, built to rough openings
- Sash and frames are flush for flexible installation options
- Multipoint lock systems
- Standard stainless steel hinges.







## TILT & TURN WINDOWS

Tilt and turn windows are the most common type of window in the world. They are highly sought after for their user friendly operation. A 90 degree turn of the handle swings the window open to the side. Turning the handle another 90 degrees allows it to tilt for ventilation.



Our tilt and turn wood windows feature modern styling and high performance design. Available in solid wood with optional aluminum cladding. These windows are also available as a certified Passive House Building component.

- Custom glazing options to meet NAFS, Net Zero and Passive House building standards.
- Dual functionality with one single handle
- Tilting for secured ventilation
- No standard sizes
- Maximum glass area
- Round and rake shapes available







## AWNING WINDOWS

Our awning windows also benefit from over 1000 hours of design and engineering work. Hinged from the top for awning, or the bottom for hopper functionality, these tilting windows can be built in long widths to vent entire rooms.

- Minimal sight line with maximum glass space
- Multipoint lock system operated by a single handle
- Custom built to order with no standard sizes
- NAFS certified with thermal ratings
- Available with dual or triple pane thermal glass
- Custom to match casement, picture, or direct glazed windows
- Designed to match all windows and doors
- Available in solid wood with optional aluminum cladding



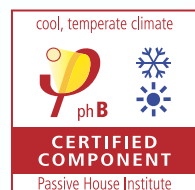




## PICTURE WINDOWS

Picture windows hold a fixed piece of thermal glass, and do not open, in such they do not require hardware they can be constructed in very large sizes, beyond any opening window. These windows are normally installed in places that are hard to reach, or where an unobstructed view is desired without the need for ventilation to the outdoors.

- Minimal sight line with maximum glass space
- Available in wood and aluminium clad
- NAFS certified with thermal ratings up to 12ft x 12ft
- Double or triple pane glass
- Customizable to match casement or awning windows.
- Round and rake shapes available



## FIXED SASH

Fixed sash windows look like an operating window. They carry the same sightlines, and are meant to match their appearance for uniformity across a room.

## DIRECT GLAZE WINDOWS

Direct glaze windows have glass glazed directly into the windows frame. This offers the greatest amount of glass space, providing the largest unobstructed view possible.







## LIFT & ROLL WINDOWS

- Effortless operation
- High grade European hardware
- Multipoint locking system
- Each panel can reach 10' x 8'
- 100% corrosion resistant materials such as stainless steel, aluminum and brass

Lift and Roll windows open up your home to the largest expanse of unobstructed views. They provide a near seamless transition between interior and exterior spaces – literally inviting nature into your living experience.

These windows work through a lever-and-wheel system that lifts the panels away from the sill and weather stripping, allowing the window to glide effortlessly out of the way. The system is designed for optimal security, air tightness, and water resistance, making it one of the most energy efficient technologies on the market today.

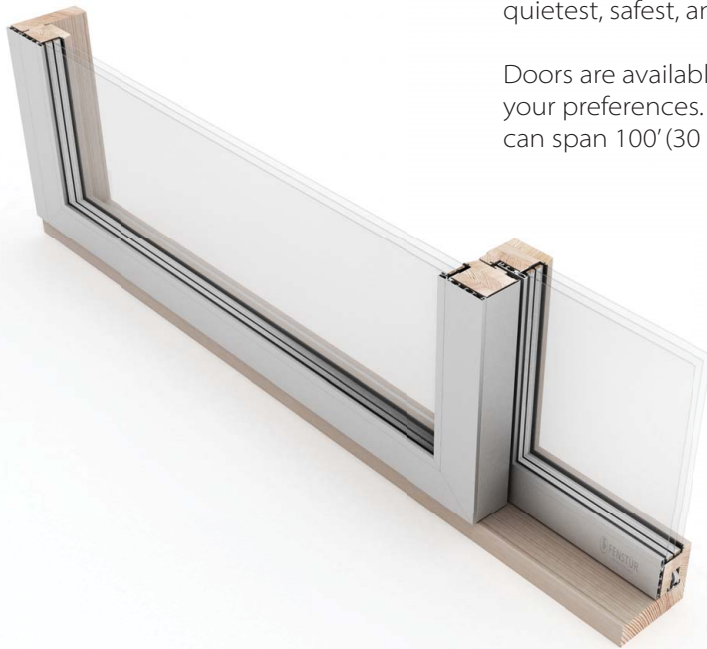
Lift and Roll windows are available in a wide range of sizes, styles, and colours to match your home's design. We are the first manufacturer in Canada to have a NAFS rated Lift and Roll system.







## LIFT & ROLL DOORS

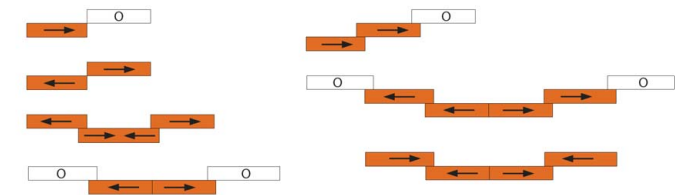


Indoor-outdoor spaces are integral to an open concept home design. Our Lift and Roll doors provide a wall of glass when closed and a seamless transition to the outdoors when opened. Unlike traditional sliding doors, Lift and Roll doors are supported by a series of rollers. This ensures opening the doors – whether a single opening door or an entire wall – is nearly effortless. The Fenstür system is designed for optimal security, air tightness, and water resistance, making it one of the quietest, safest, and most energy efficient designs on the market today.

Doors are available in a wide range of sizes, styles, and colours to match your preferences. Panels can be up to 14' (4.2 meters) tall and openings can span 100' (30 meters) in length.



- High grade European hardware
- Multipoint locking system
- Each panel can reach 14' x 14'
- Available in double or triple pane glass
- Available in 68mm or 78mm thickness
- 100% corrosion resistant materials such as stainless steel, aluminum and brass
- 850 lb weight capacity







78mm Triple Pane Solid Wood



78mm Triple Pane Solid Wood with Aluminum Cladding







## BALCONY DOORS

Balcony doors are built using our tilt and turn window profiles incorporated with a door sill and hardware. These doors tilt for ventilation and swing open to walk through.

- Available as French double doors
- Designed to match all Fenstür windows
- Tilt and turn operation
- Double or triple pane glass





## EURO ENTRY DOORS

Our Euro Entry Doors combine style and performance with the highest level of security. European design along with the care and detail that goes into Fenster Euro doors ensures that they will be a source of pride for homeowners for years to come.

- Modern high performance design
- Designed to match all windows
- Available with panels, dual or triple pane glass
- Certified Passive House models are available
- Pull bar or lever handle options
- Solid wood and aluminum clad options
- Aluminum, wood, or zero barrier threshold options



- 106 mm thickness
- triple glass
  - aluminum threshold
  - Passive House certified



- 106 mm thickness
- insulated flush panel
  - aluminum threshold
  - Passive House certified



- 78 mm thickness
- triple glass
  - aluminium cladding
  - aluminum threshold



- 78 mm thickness
- double glass
  - Zero threshold (optional)







# EXTERIOR DOORS

A front door forms the epicenter of every home, and with Fenstür we offer near unlimited options. You can match your doors to your style. Whether it's architectural sophistication, years of durability, extra security, or a special look your seeking – we have the ability to build that door for you with our team of skilled craftsmen. If a custom door isn't something you need, we offer hundreds of standard designs in all shapes and forms you can browse through. Whether it's a custom build or an existing design, we will ensure you're taking home the door of your dreams.

By creating a beautiful front door, you are not only making your house aesthetically appealing, but you are also giving passers-by and guests an introduction to your taste and style.

- Available in 1-3/4" and 2-1/4" thickness
- Shaker and Ogee profiling
- Stile and rail, or flush (plank) construction
- Wide variety of hardware options, including stainless steel

You can choose from our standard door styles or we can custom design to meet your individual style needs.





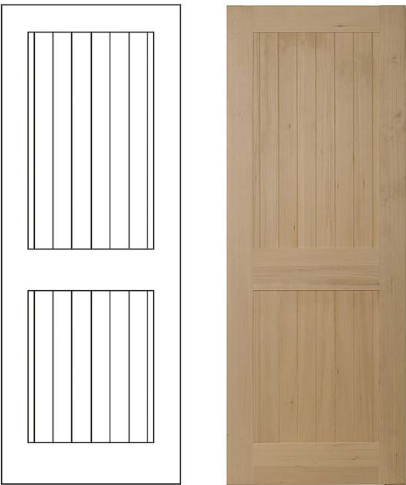


# INTERIOR DOORS

Interior doors are crucial – but often neglected. Too often people settle for hollow-core, mass-produced, and molded MDF products.

With Fenstür, you can design your own door or choose from our wide selection of modern and traditional styles, panels, and decorative glass. We only build wood products engineered to perform and last for years, providing both structure and beauty to your interior spaces.

- 1-3/8" or 1-3/4" thickness
- Soundproofing design options
- Shaker, Ogee, and Bevel profile's



You can choose from our standard door styles or we can custom design to meet your individual style needs.



4 panel shaker      4 - 4 panel shaker      4 PS      764 raised panel      2 panel shaker



450 raised panel      8 lite zinc bar      117 12 lite      422 roman arch raised panel      12 lite

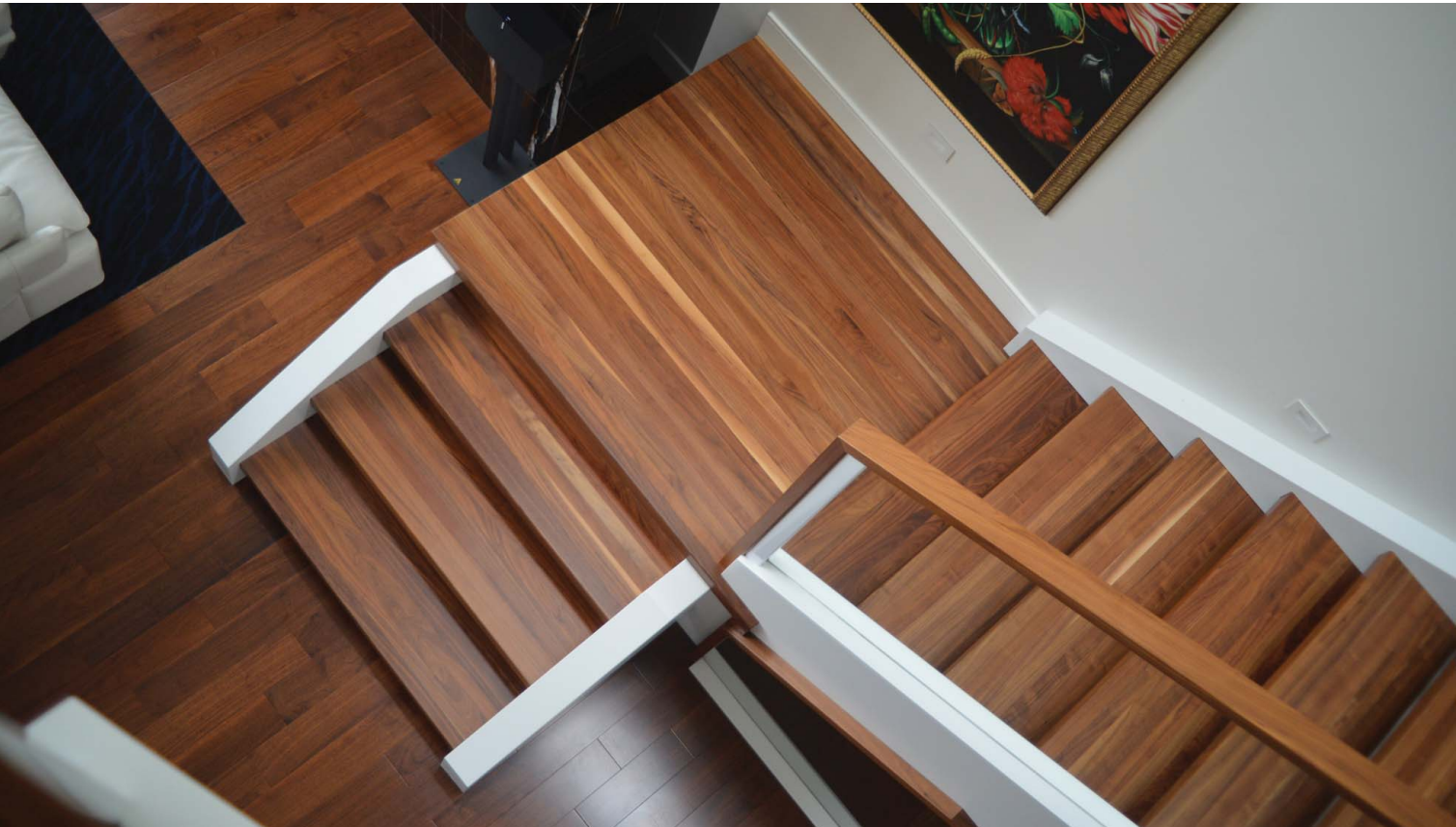
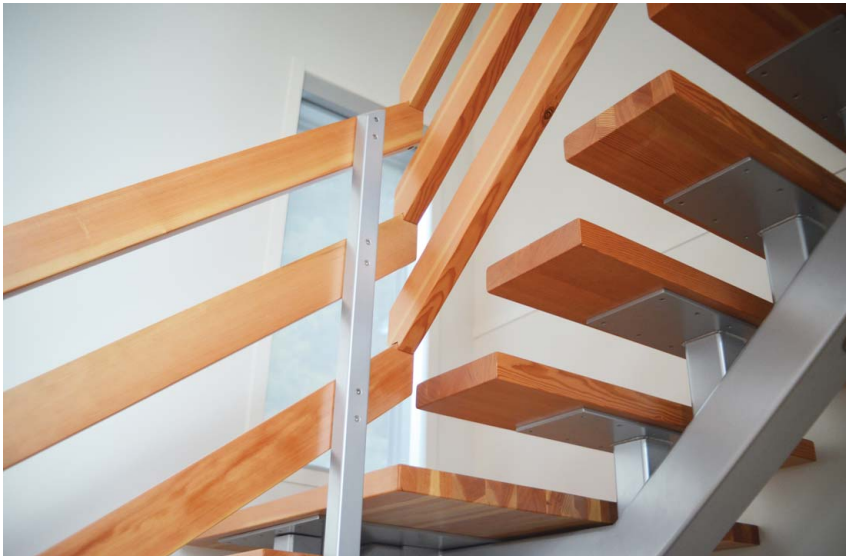




# CUSTOM MILLWORK AND FINISHING

What used to be an exception, is now a new normal for us. To complement our windows and doors, we often create and finish custom millwork to help finish off your special project.

Matching door trim, window liners, and stair treads are some of our most popular items. We also manufacture hand rails, table tops, coffee tables, and ceiling panels - to name a few of the custom pieces we have been asked to create.







# GLASS OPTIONS

- Dual or triple pane. Ranging from 24mm (1") - 52mm (+2") overall thickness for windows and lift & roll glass
- Single, dual, or triple pane. Ranging from 3mm (1/8") - 32mm (1-1/4") thick for interior & exterior door glass
- All our exterior glass is thermal performing, generating superior energy efficiency by preventing heat loss and promoting passive solar gain.
- Our exterior glass uses warm edge spacer technology, filled with inert Argon gas to ensure high thermal performance.
- We prioritize safety, that's why all our exterior facing glass is safety glass.
- Single to triple glazing options offers durability, thermal performance, and safety.
- Our standard exterior glass includes a Low-E glass interior and a clear tempered glass exterior.
- If you don't see the type of glass you are looking for, our experienced sales team has hundreds of custom options available to you.



## MAIN TYPES OF GLASS

### Obscure

This glass obscures the view for more privacy, while letting the light shine through. Available in a variety of textured surfaces.



### Tinted

Like sunglasses, windows with tint help block the sun's rays to help control glare. The tint also helps block the view into your home. Available in many different colours.

### Clear

Crystal clear views to the outside world. Tempered glass is hardened for added strength against physical impact. Laminated (safety) glass holds together when it breaks, increases thermal performance, and protects against UV rays. Low-E coatings are available on clear glass only. Edges may be bevelled.



### Decorative

(Including stained glass) Decorative glass is a mix of various shapes and types formed into a work of art. Often used as a statement of style, quality, and craftsmanship. Available in custom designs or standard patterns.



## ADVANCED OPTIONS

### INTERNAL MINI BLINDS

Tangled cords are a thing of the past. Operated with a magnetic slider, these blinds are sealed between two panes of glass and available in a variety of colors. They don't accumulate dust and are user friendly to operate without cords to pull down and sideways. Contact us for more information!



### HEATED GLASS

A unique product, heated glass serves many uses in your home. With heated glass, an electrical current silently heats the glass itself – which radiates heat into the room, eliminating the need for additional heat sources. This comes with many other benefits starting with maximizing your comfort with the feeling of warmth when passing by a window on a cold day. By eliminating cold glass from a design, architects never have to worry about chills or drafts associated with ordinary windows. Plus, heated windows prevent any condensation from forming on the glass, even in high humidity environments such as bathrooms, saunas, and museums.

### SMART GLASS

With privacy available at the flick of a switch, smart glass can be switched or dimmed in a variety of colors from transparent to opaque, or completely blacked out. It can also be wired into sensors to automatically control the amount of light, glare, and heat passing through to your room.





# HARDWARE OPTIONS

Every product we manufacture has an array of hardware options, from handles to hinges, to decorative grills and more.



## LIFT & ROLL

The handle chosen in a Lift and Roll window (or door) is an important decision. The aesthetics need to match your style, and the feeling is what connects you to the door. Handles are available in a wide variety of styles and colors, as well as configurations. Normally a handle is on the inside of the door only, but it can also be matched with a finger pull on the exterior, another handle on the exterior, or be removable, lockable, and more!



## EXTERIOR DOORS

Exterior Doors have the largest selection of hardware in an array of colors and finishes. From hinges to locks, to handles and decorative accessories, there is no shortage of choices to personalize your doors and make them just right.

Also available are decorative clavos, ball bearing hinges, grills, mail slots, door knockers and pull bars for all entranceway doors.



### MULTIPOINT LOCKS

We recommend multipoint door locks on all of our exterior doors. A multipoint lock provides up to 4 shoot bolts along the side of the door, improving the overall security and stability of your door. Our standard multipoint lock is constructed of stainless steel and automatically engages when the door shuts. Many of the cheaper locks require the door handle to be turned up to have the shoot bolts engage, which is inconvenient for the user.

The second lock option is a key-operated multipoint lock, where only a key cylinder is installed into the door face. By turning your house key (or the thumb turn on the inside) the lock points retract allowing the door to open. This lock type is used almost exclusively in combination with a pull bar. These locks are constructed of corrosion resistant steel and span the entire length of the door, for the best security available.

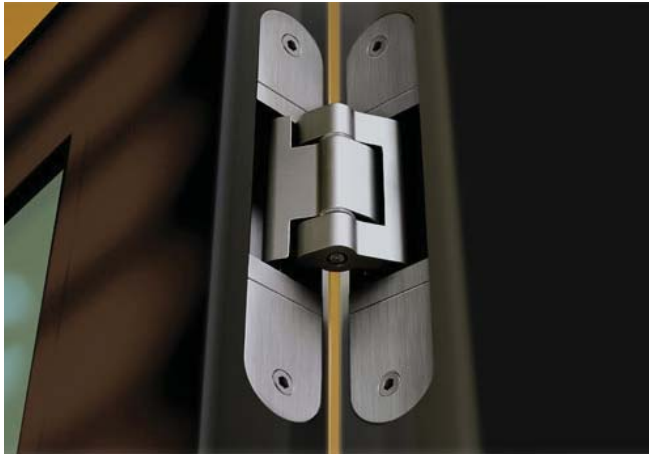


### PULLS

Stainless steel door pulls are available in 48" or 32" lengths. These are normally paired with a deadbolt (key) operated door where no handle is wanted which produces a modern, clean look. Custom manufactured pulls are also available.







### HINGES

Exterior doors come with ball bearing hinges. Upgrade options include stainless steel ball bearing hinges, or a variety of concealed hinges which adjust in 3D.

Interior doors come standard with regular pin hinges. Upgrade options include ball bearing hinges, or a variety of concealed hinges.



## INTERIOR DOORS

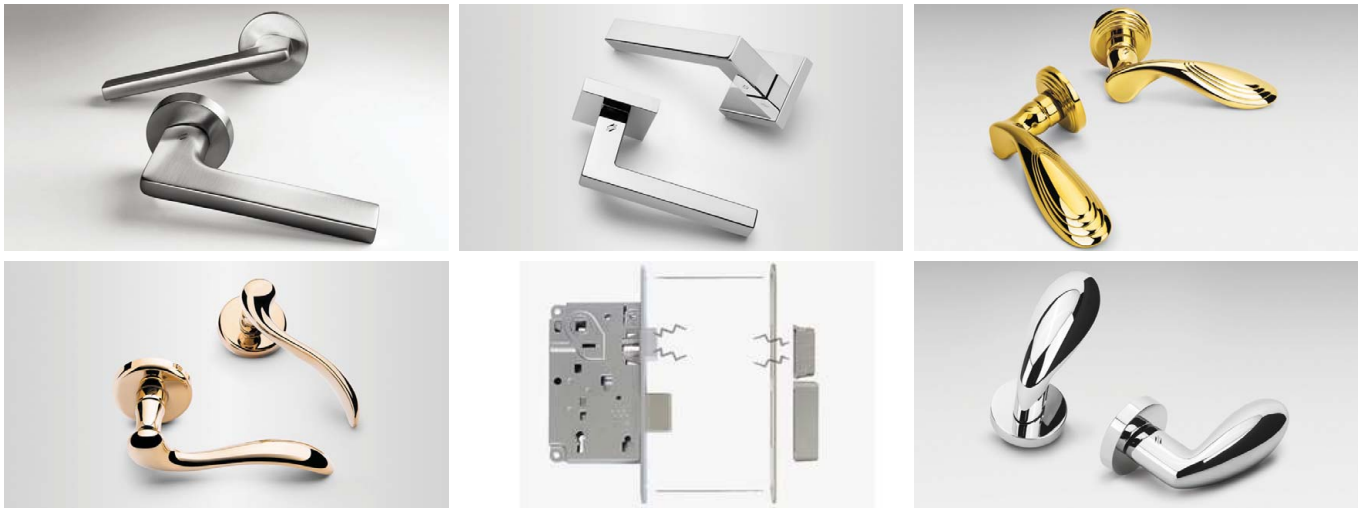
### STRIKE-LESS HANDLES

An excellent pairing with concealed hinges, our unique strike-less handles from Europe close effortlessly and smoothly without any clicking or clashing against the frame.

Unlike a traditional door handle, which has a spring loaded latch to ramp itself into a striker, strike-less handles use magnets to pull the latch out silently and automatically when the door is in the closed position. Nothing to resist closing, no clicks, no wear and tear, and no visible striker. Hidden, sleek, smooth, and modern examples of door handles from Colombo Design (Italy).



examples of door handles from Colombo Design (Italy)



## CASEMENT & AWNING WINDOWS

We have a wide selection of hardware for the largest windows available in Canada. For smooth operation we will also ensure the hardware is matched to the weight and size of your windows.

Our standard handle is Italian, produced by Giesse. Our push-out windows have extremely narrow sightlines requiring specific handles to be used. Giesse handles fit nicely into our design, but others are available.

A standard handle is included with each window. Available colours: silver, black, pure white, bright white, and pearl white.



### HINGES

Our standard push-out window hinge is built from 304 grade stainless steel and manufactured in the UK. This heavy-duty hinge meets the challenges of our coastal environment.







## FINISHING OPTIONS

Fenstür provides the largest selection of finishes in the industry. Using environmentally friendly and 100% water-based coats, we beat industry standards and set a new benchmark in performance.

We have a large selection of finishes, but if you can't find something you like, we can match finishing on the products on your existing woodwork, or create a new colour for you.



Our exterior finish manufacturers have received the impressive CATAS Quality Award (coatings for outdoor applications) as well as the UNI EN ISO 9001:2000 quality certificate. CATAS was awarded with only 2 layers of paint (one impregnator immersion and one top coat application). We finish our exterior products with no less than 3 coats, and often 4 or more, far surpassing this already exceptional standard of quality. CATAS is a set of standards from which weathering, adhesion, and performance is tested – and is a very prestigious award in the world of coatings.



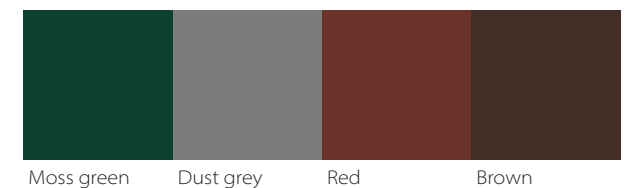
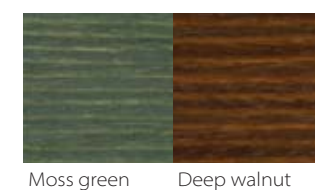
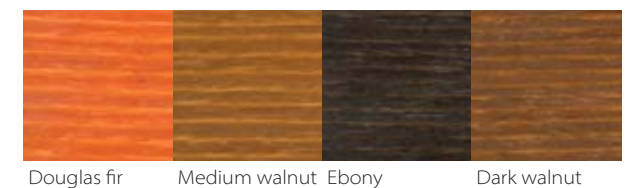
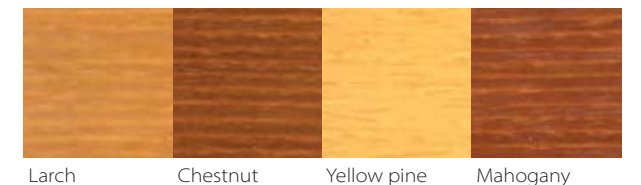
### EXTERIOR FINISHES

#50 (high gloss), #30 (satin, standard), or #15 (flat)

Standard transparent finish clear coats:  
Honey Clear A true clear is available upon request, but we strongly recommend adding a tint to top coat to protect the wood against UV degradation.

Standard stains:  
Ebony (black), Grey Oak (rich grey), Deep Walnut (dark brown), Medium Walnut (medium brown), Larch (light brown), Yellow Pine (natural/light yellow colour)

Standard solid finishes:  
Snowfall White (white), Brown (RAL 8017), Moss Green (RAL 6005), Dust Grey (RAL 7037), Black



### INTERIOR FINISHES

Sheen: #30 (satin, standard) or #15 (flat).  
Others available upon request.

Standard transparent finish: Clear Coats

Clear standard stains:  
Ebony (black), Grey Oak (rich grey), Deep Walnut (dark brown), Medium Walnut (medium brown), Larch (light brown), Yellow Pine (natural/light yellow colour)

Standard solid finishes:  
Snowfall White (white), Brown (RAL 8017), Moss Green (RAL 6005), Dust Grey (RAL 7037), Black

### CUSTOM FINISHING

We are equipped and skilled to handle any custom finishing request. Wire-brushed surfaces, split finishes, oils, or any colour can be matched or created by our highly-skilled finishing department. We also often receive trim work, mouldings, stair treads, railings, and even furniture to finish for our customers in order to match their windows and doors. We routinely work on-site to finish posts, beams, and other wood work. Contact us for more details.





# WOOD SPECIES

Wood’s natural tones can blend seamlessly into the environment, or stand out as a completely unique frame to view life. Although a window style may be built more than once, natural variations of wood ensure no two windows will ever be exactly the same.



- Walnut

Coarse texture with a strong grain. Dark brown in colour.
- Hickory

Hard wood with a coarse and straight grain texture. Colour is light brown to brown.
- Ash

Texture is medium coarse with straight grain. Colour ranges from white to medium brown.
- Cherry

Smooth, satin-like texture and a deep red-brown colour.
- Teak

Uneven and coarse texture, with moderate to low natural luster. Brown to dark brown in colour



- Western red cedar

Straight grain and red-brown colour. Rot and moth resistant.
- Cypress (yellow cedar)

Narrow and white sapwood. Colour ranges from yellow to brown.
- Mahogany

A Victorian favourite. Close grain and a deep red-brown colour.
- White oak

Straight grain with a medium texture. Light to medium dark brown colour.
- Red oak

Lighter and coarser than white oak. Colour ranges from light red-brown to dark red-brown.



- Alder (clear & knotty)

Hardwood with a knotty-pine-like texture with a deep gold colour.
- Pine (clear & knotty)

Creamy coloring with a smooth or knotty texture. Great for casual homes.
- Western Hemlock

Dense and hard. Colour ranges from golden tan to honey.
- Coastal Douglas Fir

Vertical clear lines with warm colours from light brown to brown
- Specific wood in mind?

We can build your doors and windows with almost any wood species of your choice.





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100% made in Canada.

