

Carpe Dooren SEIZE THE DOOR

ARCHITECTURAL DOOR CATALO

#### Vancouver Architectural

**Doors** has been shaping the future of doors for over 80 years. Founded by Art Lundgren in 1941, during FDR's presidency, the company quickly rose from humble beginnings to become a national supplier to prestigious projects across the globe. When a devastating fire struck in 1992, Vancouver Doors didn't just rebuildthey reinvented themselves to become a leader in commercial wood doors.

With innovative offerings like STCrated doors, oversized designs, inlays, sketch faces, factory prefinishing, and a broad range of fire-ratings, Vancouver Doors is now a top choice for architects, distributors, and developers. Under new ownership with deep door manufacturing roots, the company is more committed than ever to carrying forward Vancouver's legacy of excellence. Their recent move to San Antonio, TX, positions them perfectly to serve projects across North America. Join us in continuing this great American success story!

Doug & Jacob

- UNCOMPROMISING QUALITY | Quality is the cornerstone S of everything we do. We are committed to using the finest
  - ш materials and employing expert craftsmanship to create
  - doors that exceed expectations and stand the test of time.
  - INNOVATION WITH PURPOSE | We continuously push
  - the boundaries of design and technology, striving to bring ◀
  - new and creative solutions to the market. Our focus on > innovation ensures that our products not only meet current
  - demands but also anticipate future needs.
  - 6 RESILIENCE AND DETERMINATION | Our history is a
  - testament to resilience. From overcoming adversity to thriving Z
  - in a competitive industry, we are driven by a relentless \_
  - determination to succeed and grow stronger with each challenge.
  - £ CUSTOMER-FIRST PHILOSOPHY | We believe in building lasting relationships by putting our customers first. By listening to their needs and delivering customized solutions, we ensure Δ that every project we undertake is a success.
  - Z
  - INTEGRITY IN ACTION: We conduct our business with the highest level of integrity. Honesty, transparency, and ethical ш
  - practices are the principles that guide us in every interaction, earning the trust and respect of our clients and partners. £
  - HERITAGE AND LEGACY | With over 80 years of D
    - manufacturing, we cherish our rich heritage while embracing
  - progress. We honor the traditions that have shaped our 0 company while adapting to the evolving needs of our customers. We continue to expand what we can offer the industry.

SUSTAINABLE PRACTICES | We are committed to protecting our planet by incorporating sustainable practices into every aspect of our operations. From responsible sourcing to eco-friendly production, we aim to create products that are as kind to the environment as they are enduring.

COLLABORATIVE SPIRIT | We believe in the power of teamwork. By fostering a collaborative environment, we harness the strengths of our diverse team, encouraging innovation and ensuring that every voice is heard. This includes all our stakeholders - employees, suppliers, architects, designers, distributors, installers, and end-users.

COMMUNITY COMMITMENT | We recognize our responsibility to give back to the communities that support us. Through active engagement and charitable initiatives, we aim to make a positive impact locally and beyond.

PURSUIT OF EXCELLENCE | We are dedicated to the relentless pursuit of excellence. Whether in the quality of our products, the service we provide, or the relationships we build, we continually strive to set new standards and deliver unparalleled results.

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#### SAMPLE PORTFOLIO OF PROJECTS

The Link Southwestern NEW YORK, NY Washington Medical Center Oregon Health & VANCOUVER, WA Science University PORTLAND, OR Ballard High School SEATTLE, WA Fort Harrison Hotel CLEARWATER FL 270 Greenwich NEW YORK, NY Safeco Field SEATTLE, WA Oregon University Nordstroms PORTI AND, OR (Retail + Corporate) Microsoft Campus LOS ANGELES/ SAN FRANCISCO, CA REDMOND, WA Hilton Hawaiian Outrigger Hotel Village Waikiki HAWAII HONOLULU HI Panorama Towers LAS VEGAS, NV Pan Pacific Hotel SEATTLE WA Pac Bell Stadium

SAN FRANCISCO, CA

CHANDLER, AZ Tulalip Resort & Casino TULALIP, WA Benefis Gift of Life Hou GREAT FALLS, MT Federal Building SEATTLE, WA Veterans Hospital INDIANAPOLIS, IN Boeing SEATTLE, WA

Wild Horse

Pass Resort

Napa State Hospital NAPA, CA

## WOOD VENEER DOORS

Ready to elevate an elemental **FUNCTION** of a building into a notable **FEATURE**?

At Vancouver Doors. we believe doors can be an **exclamation point** to your design!

#### Why Architects, Distributors, and Owners prefer Vancouver Doors:

Access to standard & exotic veneers from around the globe.

All Vancouver Doors come with a STANDARD ¾" WOOD EDGE. (vs. a thin "wood tape")

All Vancouver Doors are built in a "Bonded Core" manner, meaning that all pieces are glued during assembly (vs. "loose" layups)

Custom capabilities including oversized doors, fire ratings, sound ratings, exterior options, machining, and prefinishing.

### HIGH PRESSURE LAMINATE DOORS

High pressure laminates have come a long way since they were first introduced in the 1940s. Affordability, Durability, and Consistency are all notable attributes in selecting a high pressure laminate for your project.

We offer a wide array of options from the leading manufacturers in laminates including:

WILSONART · FORMICA · NEVERMAR PANOLAM · PIONITE · AND OTHERS

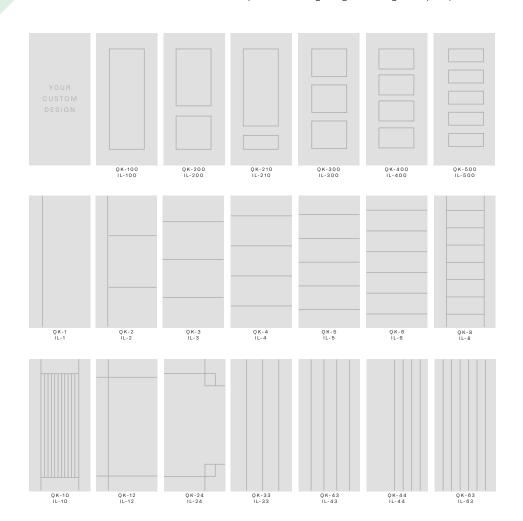
Doors will include a matching laminate edge and still benefit from our solid hardwood edge and bonded core.





### QUIRKLINE AND INLAY SERIES

Quirks and inlays offer a striking and captivating effect on any door, elevating its design to a new level of sophistication. These transformative elements—whether sleek grooves or elegant wooden or metal inlays—turn doors into architectural statements. By partnering with Chemetal and other industry leaders, we provide a selection of metals that seamlessly enhance your décor, adding both glamour and grace to your spaces.



## SKETCH FACE DOORS

For unparalleled design creativity and sophisticated elegance, explore our Sketch Face Series. Each veneer is meticulously hand-assembled to create a unique look, ideal for the most luxurious projects. While we offer design inspiration, this series is all about bringing your unique vision to life as a bespoke endeavor that celebrates the uniqueness of your imagination.



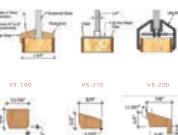


# GLASS DOORS

Glass doors are essential for a wide range of applications. At Vancouver Doors, we offer doors either pre-fitted with glass or ready for glass installation. We customize sizes to meet your specific needs, and each door can be designed with multiple glass panels. Our glass options include clear, frosted (whitelaminated), or insulated varieties. Glass can come tempered or laminated.

We also provide lite kits, available in both wood and metal, as shown below. For fire doors, glass can be included within certain limitations, and we've proudly tested glass with our sound-rated doors. For more details, please visit our firerated and sound-rated sections.

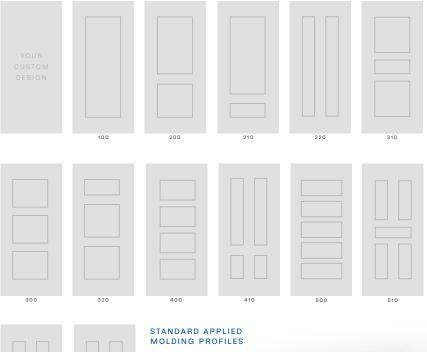
### VISION LITES STOPS AND PROFILES

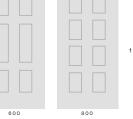




### PIARTTO RAISED MOLDING SERIES

Achieve the elegance of a paneled door with our Piartto Raised Moulding Series. The raised mouldings bring a touch of sophistication and class to our wood doors. We offer a variety of standard layout designs, with the flexibility to create a custom design tailored to your vision. Choose from our standard moulding profiles, or submit your own for a truly personalized touch.





3/4"

3/8"

DU BIN

9/...!

A BLOCK



### EXTERIOR FLUSH DOORS

Vancouver Doors proudly presents an exterior version of our renowned flush doors, specifically designed to meet the demands of modern architecture. With over 80 years of manufacturing expertise, we've refined our process to deliver doors that not only enhance the aesthetic appeal of any project but also provide long-lasting durability for exterior applications.

Our exterior flush doors are specially engineered to better withstand the elements than a standard interior flush door, giving you the look you want with the durability required. Both standard and custom sizes available in a wide array of veneer options. Each door comes with a 1-year limited warranty. Certain conditions and maintenance applies. Please contact us for more details for your specific application.

Durability Meets Design



### OVERSIZED DOORS

At Vancouver Doors, we specialize in crafting oversized doors that make a grand statement. Our doors can exceed 10 feet in height and extend up to 14 feet, with widths reaching up to 6 feet. For unique projects requiring even larger dimensions, we offer custom solutions to meet your specific needs. Contact us for special requests, and let us bring your vision to life with doors that embody both grandeur and functionality.

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### BALLISTIC PROTECTION

Vancouver Doors provides a range of doors equipped with UL-752 bullet-resistant panels, offering enhanced security without compromising on design. Ideal for applications in commercial, government, healthcare, military, schools, and residential safe rooms, our doors are designed to protect what matters most.

Whether you're securing high-risk environments or adding an extra layer of safety to any project, Vancouver Doors delivers reliable solutions for unparalleled protection.

Manufactured with any wood veneer or laminate to create a seamless, unobtrusive appearance while still incorporating bullet-resistant panels.

Sizes up to 5'0" wide by 10'0" tall

Internal door core has been independently tested to Department of State Class 4 Forced Entry Rating - acting as an Effective Delay against Forced Entry (interior panel, not the door)

Door thicknesses starting at 1-3/4" or thicker (please note that certain rifle caliber resistant levels may require a thicker door)

### 650 SERIES



#### DOOR OPTIONS INCLUDE UL-752 LEVELS

- LEVEL 1 UI -HG-A: Withstanding handguns of medium power such as the 9mm and Super 38 Automatic.
- LEVEL 2 UL-HG-B: Offers protection against high-power guns. such as the .357 Magnum.
- LEVEL 3 UL-HG-C: UL 752 level 3 provides superior defense against .44 magnum rounds and forced entries and robberies.
- LEVEL 4 UI-BE-A: Provides ample protection against armor piercing bullets and high capacity magazines, and is commonly used in military hunting and sporting rifles.

#### LEVEL 5 UL-RF-B: Prevents penetration from high-velocity rifle rounds, such as AK47 rifles and ball full metal copper jacket ammunition shot from hunting rifles. LEVEL 6 UL-HG-D: Resist multiple shots against submachine

- guns, like the 9 mm Uzi. LEVEL 7 UL-RF-E: Commonly used to protect against shots from military assault rifles and semiautomatic rifles, like the AR-15.
- LEVEL 8 UL-RF-H: Used mainly in military applications, the level 8 bullet resistant panels can resist shots fired from AK-47 and M-14 rifles.

Vertical Edge: 3/4

minimum matching

stile; 7/8" minimum

composite or LVL

(shown), Staved

Structural Composit

Lumber Core or

Lumber Core

Interface: Stiles

and rails are high

to core and core

assembly sanded

prior to application

of cross band and

frequency bonded

inner stile.

hardwood outer



Add a flavor of yesteryear with sunburst glass inset panels for your door. Can be used in exterior settings.



Variable size and types of louvers can be provided and installed at the factory. From small to half to full size louvers.

Great for providing pass through ventilation and pass through air. Available in metal and with fire ratings up to 90 minutes, and in most matching woods as requested.

# Ц z ∢ ٦ **TRANSOM**

S



Veneers may be continuous matched (shown), end matched, or no match. Rabbetted meeting rails are an option.

Fire rating options at 20 |45 | 60 | 90 minutes.

### LEAD-LINED DOORS

Vancouver Doors offers lead-lined doors specifically designed for x-ray rooms and other radiation-sensitive environments. Our doors provide superior radiation protection while maintaining a sleek, professional appearance. Ideal for healthcare facilities, dental offices, and laboratories, these doors integrate lead shielding without sacrificing design, ensuring both safety and aesthetic appeal.

With customizable options to suit your project's needs, Vancouver lead-lined doors deliver reliable protection with the craftsmanship and style you expect.

Safety with Seamless Design

Top and

Bottom

Edge:

Horizontal

solid wood

composite

lumber, one

or LVL.

Faces: Selected

hardwoods

Grades "A".

overlay or

hardboard High pressure

"AA" and high

pressure laminate

medium density

ninate .050"

direct to core.

.050" with cross

band or 125"

minimum 1/50".

piece, laminated

or structural

1-1/8" minimum

600 SERIES

- Core: Particleboard - Core/Edge

veneer Crossband 2 ply edge glued hardwood shown) or one piece HDE



### **DUTCH** AND WICKET DOORS

Dutch doors are utilized in applications where the upper half of the door may be opened while keeping the lower half closed.

Both leaves are typically latched together to maintain a single opening. Dutch door shelves are sent loose for field installation.

Wicket consist of the primary door and the wicket insert which can be opened to allow access while keeping the primary door closed or locked.

Available non-rated and 20 or 45 minute rated. Wicket doors are not fire rated.



### BARN SLIDE AND POCKET DOORS

Transform your space with Vancouver Doors' Barn Slider and Pocket Doors, bring a striking look to any setting, while offering a seamless, space-saving solution without sacrificing accessibility or design impact. Whether you're looking for a bold, rustic statement or a sleek, modern, minimalist solution, our doors offer versatile options that cater to a wide range of architectural needs.

#### SOLID CONSTRUCTION

With a huge selection of veneers combined with solid core construction, these doors add both aesthetic appeal and practical functionality. To ensure stability and durability, we offer additional blocking at the top of the door, providing the necessary support for larger sizes. Lighter cores are available to reduce the weight of the doors

#### **CUSTOMIZATION OPTIONS**

Both our barn slider and pocket doors are available in a variety of wood veneers and laminates, allowing you to choose the finish that best suits your project's aesthetic. We also offer oversized doors, custom-built to meet the specific requirements of your space. With heights up to 14 feet and widths up to 6 feet, our doors are designed to accommodate even the most ambitious architectural visions.





### MATCHING WALL PANELS

Enhance your project with synchronized wall panels that seamlessly align with your wood door, delivering one of the most stunning visual effects possible. Our matching panels can be fully customized in height and width to suit your specific needs. We offer panels and transoms up to 6 feet wide and 13 feet tall, with options for varying thicknesses. Edge banding is also available upon request to ensure a perfect finish.

### FIRE-RATED DOORS

At Vancouver Doors, safety meets elegance with our fire-rated door solutions. Crafted with the same attention to detail as our standard doors, our fire-rated doors provide the protection your project demands without compromising on design.

#### **KEY FEATURES:**

Fire Ratings Available in 20, 45, 60, and 90-minute ratings, offering varying levels of protection depending on your project's requirements.

**Durability**: Built to withstand heat and flame while maintaining structural integrity, our fire-rated doors are tested to meet or exceed industry standards.

Custom Design: Choose from a variety of styles, finishes, and materials, including stain-grade wood, paint-grade prime, High Pressure Plastic Laminates, Grooving, and more. Each door can be customized to suit your architectural vision.

**Core Materials**: Depending on fire rating, core material will be mineral core, agrifiber core, particleboard core, or SCL core.

**Ply**: Available in 3 ply, 5 ply, and 7 ply (depending on fire ratings)

Matching Frames: Complete the look with our fire-rated wood frames, available in stain-grade or paint-grade finishes.

**Certified Safety**: Our doors are tested to UL standards and carry an Intertek label.

Acoustic Performance: Achieve STC ratings up to STC 40 for projects requiring both fire protection and sound control.

**Specialized Hardware**: Prepped for concealed hinges, closers, and other hardware options, ensuring a seamless and elegant finish.

Protection with Style

		ALA!
I		
		-
1	Top and Bottom Horizontal Edge: 1-1/2* Mineral Composite Material   Vertical Edge: 1*-2*	
	Mineral Composite  material with 7/32" or  %" Solid Wood Overlay  Core: Mineral Core	. /
	Core/Edge Interface: -  Stiles and rails are  high frequency  bonded to core  and core assembly  sanded prior to  application of veneer  Crossband:  2 pix editor-alund	
	2 ply edge-glued hardwood or one piece HDF Faces: Hardwoods minimum 1/50", "4" or "AA" grade, High Pressure Laminate .39"	-

560A 60 Min. Agrifiber Core

760M 60 Min Mineral Core

790M 90 Min. Mineral Core

600LL 20 Min. Lead Lined

REFERENCE CODES

520S 20 Min, Stave Core

520A 20 Min. Agrifiber Core

545A 45 Min. Agrifiber Core

520P 20 Min. Particleboard Core

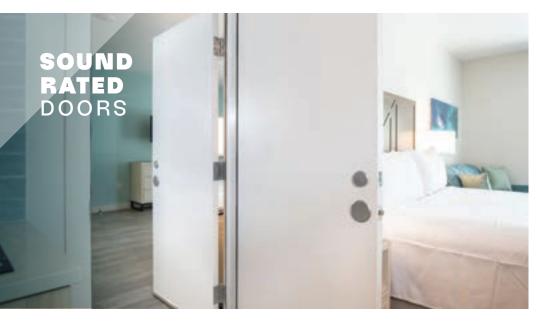
520C 20 Min. Structural Composite Core 745M 45 Min. Mineral Core

Riets.

### FIRE DOOR CAPABILITY CHART

	20 MINUTE	45 MINUTE	60 MINUTE	90 MINUTE		
MAX SIZE SINGLE	4' x 10'	4' x 10'	4' x 10'	4' x 10'		
MAX SIZE PAIR	8' x 9' or 6' x 10'	8' x 9'	8' x 9'	8' x 9'		
MAX SIZE DBL EGRESS	8' x 9'	8' x 8'	8' x 8'	8' x 8'		
MAX SIZE WITH TRANSOM PANEL	4' x 10'	4' x 10'	4' x 10'	4' x 10'		
DUTCH DOOR	4' x 8'	4' x 8'	N/A	N/A		
THICKNESS OPTIONS	1-3/4" standard (2-1/4" option)	1-3/4" standard (2-1/4" option)	1-3/4" standard (2-1/4" option)	1-3/4" standard ( 2-1/4" option)		
MAX VISION LITE CUTOUT	2176 sq. inches Max 30"W x 70"H	2176 sq. inches Max 30''W x 70''H	1344 sq. inches	100 sq. inches (option for 960 sq. in. with temp rise glass)		
WOOD VENEERS	✓	1	1	1		
<b>LAMINATES</b> Wilsonart/Formica/etc.	1	1	1	✓		
APPLIED MOLDINGS	✓	1	1	1		
QUIRKS ALLOWED	<b>↓</b> 1/16" D x 1/4" W	<b>√</b> 1/16" D x 1/4" W	<b>↓</b> 1/16" D x 1/4" W	<b>↓</b> 1/16" D x 1/4" W		
METAL INLAY	contact for details	contact for details	contact for details	contact for details		
FUSIBLE LINK LOUVER	24" x 24"	24" x 24"	N/A	N/A		
STC SOUND RATED	STC 40	STC 35	STC 35	STC 35		
KICK PLATES (MAX. SIZE)	48" x 48"	48" x 48"	48" x 48"	48" x 48"		
HARDWARE BLOCKING	full array	full array	full array	full array		
STANDARDS	Intertek -	Intertek - Tested to UL10B, UL10C standards; meets NPFA 252				
SMOKE AND DRAFT CONTROL	Approved for supplemental "S" Label - 20 45 60 90 Minutes					
AVAILABLE FACTORY PREPS	include: Hinges per NFPA 80; Cyl Locks, Mortise Locks, Viewer, EPT, Wire Chase, Rim Exit Device, Concealed Closers, Concealed Hinges, Concealed Vertical Rod (may require metal sleeve), Auto Door bottoms, etc. Speak to our team for specific questions on door preps					

3



Embrace Tranquility

In today's overstimulated, fast-paced world, finding moments of calm and quiet can be crucial for restoring balance and well-being. At Vancouver Doors, we understand the importance of creating serene environments. That's why we have dedicated extensive resources to developing high-performance sound-rated doors.



Top and Bottom Horizontal Edge: 1-1/2" minimum solid wood or structural composite lumber, one piece, laminated or LVL

Vertical Edge: 3/4" minimum matching hardwood outer stile; 7/8" minimum finger jointed, composite or LVL inner stile

Core: Sound dampening materials

**Core/Edge Interface:** Stiles and rails are high frequency bonded to core and core assembly sanded prior to application of cross band and veneer

Crossband: 2 ply edge glued hardwood or one piece HDF

Faces: Selected hardwoods minimum 1/50", Grades "A", "AA" and high pressure laminate, medium density overlay or hardboard. High pressure laminate .050" direct to core, .050" with cross band or .125"

#### WHY SOUND-RATED DOORS MATTER

A sound-rated door can transform various spaces by providing much-needed tranquility, making it an essential consideration for numerous projects, including:

PRIVATE HOMES Enhance personal peace and quiet.

HOTELS Elevate guest comfort and receive higher ratings from guest stays.

**CONDOS/APARTMENTS** Improve privacy and reduce noise between neighbors.

HOSPITALS/MEDICAL FACILITIES Support a healing environment by minimizing disruptive sounds and helping toward HIPAA Standards.

**OFFICE SETTINGS** Foster productivity and focus with reduced ambient noise.

**SENIOR LIVING** Create a calm, comfortable atmosphere for residents.

MILITARY & GOVERNMENT AGENCIES Ensure secure and quiet operational environments.

#### STC Ratings up to STC 45

- STC Ratings up to STC 40 with 20 minute Fire Rating
  STC Rating up to STC 37 with full glass
- STC Rating up to STC 35 with 45/60/90 minute Fire Rating If you require a higher rating than shown above, please reach out to our technical team for any updated ratings.

### MATCHING WOOD FRAMES

For years, commercial wood and laminate doors were often paired with cold, industrial hollow metal or aluminum frames, creating a mismatch that detracts from the design vision of architects and owners alike. As one architect puts it, "the two inches I have to ignore in every room!" That's why we're proud to offer matching wood door frames that blend seamlessly with your doors. Our options include:

Stain-grade wood frames

Paint-grade primed Poplar and Pine frames

- PLAM frames in Wilsonart, Formica, or other finishes
- Fire Ratings: 20 Min | 45 Min | 60 Min | 90 Min
- STC rating up to STC 38
- Specialized hardware preps, including concealed hinges and closers (fire-rated)
- Prefinishing to perfectly match your doors







#### Solid Core 520P / 530P Particleboard Core (PC) 3, 5 and 7-Ply

Hardwood Veneer / MDO / HDF or High Pressure Decorative Laminate (HPDL)

Solid Core

Structural

Composite

(SCLC)

Lumber Core

5 and 7-Ply

Hardwood Veneer /

MDO / HDF or High

Pressure Decorative

Laminate (HPDL)

520C / 530C

op and Bottom Horizontal Edge: 1-1/8" minimum solid wood or structural composite lumber, one piece, laminated or LVL. Vertical Edge: 3/4" minimum matching hardwood outer stile; 7/8" minimum finger jointed. composite or LVL inner stile.

> Core: Particle board, ANSI A208, 1, grade LD-1 or LD-2. (LD-2

> > Stiles and rails are high frequency bonded to core and core assembly sanded prior to application of cross band and veneer.

> > > or one piece HDF.

requires no additional blocking) Core/Edge Interface:

Crossband: 2 ply edge glued hardwood

Faces: Selected hardwoods minimum 1/50", Grades "A", "AA" and high pressure laminate, medium density overlay or hardboard. High pressure laminate .050" direct to core, .050" with cross band or .125".

op and Bottom Horizontal Edge: 1-1/8" minimum solid wood or

Vertical Edge: 3/4" minimum matching hardwood outer stile; 7/8" minimum finger jointed, composite or LVL inner stile

Core: Structural Composite Lumber Core, tested in accordance with WDMA I.S.10-99

Core/Edge Interface: Stiles and rails are high frequency bonded to core and core assembly sanded prior to application of cross band and veneer.

> Crossband: 2 ply edge glued hardwood or one piece HDF.

minimum 1/50", Grades "A" , "AA" and high pressure laminate, medium density overlay or hardboard. High pressure laminate .050" with cross band for total thickness of .125".



310H / 510H Core (HC) 5 and 7-Ply

> Hardwood Veneer / MDO / HDF or High Pressure Decorative Laminate (HPDL)

Hollow



Solid Core 520S / 530S Staved Lumber Core (SLC) 5 and 7-Ply



See page 16 for Mineral Core

Core/Edge Interface: Stiles and rails are high frequency bonded to core and core assembly sanded prior to application of cross band and veneer. Crossband: 2 ply edge glued hardwood or one piece HDF. and high pressure laminate, medium

Faces: Selected hardwoods minimum 1/50", Grades "A" , "AA" density overlay or hardboard. High pressure laminate .050" with cross band for total thickness of .125".

1-1/8" minimum solid wood or

Vertical Edge: 3/4" minimum

matching hardwood outer stile

7/8" minimum finger jointed,

composite or LVL inner stile.

Core: Staved Lumber Core,

Blocks are staggered and

tightly edge glued.

structural composite lumber one piece, laminated or LVL.

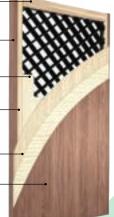
op and Bottom Horizontal Edge: 1-1/8" (SHC) / 6-1/2" (IHC) minimum solid wood or structural composite lumber, one piece laminated or LVL. ertical Edge: 1" (SHC) / 2-1/2" (IHC) minimum matching hardwood oute stile; 7/8" minimum finger jointed, composite or LVL inner stile at IHC only Core: Expanded honeycomb made of corrugated paper. Other options available.

Core/Edge Interface:

This is a Non-Bonded System. \*Special Blocking required at 510H Crossband:

2 ply edge glued hardwood or one piece HDF. (2 ply shown) Faces: Selected hardwoods

minimum 1/50", Grades "A" , "AA" and high pressure laminate, medium density overlay or hardboard. High pressure laminate .050" direct to core, .050" with cross band or .125".



## **GUIDE TO** VENEERS



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Z

#### **Rotary Cut** The log is centered mounted in a

lathe and rotated at a high rpm as the blade is slowly moved into neel a thin layer of wood from the log. This slice follows the log's annual growth rings, a general bold variegated and random appearance is produced.

Once the sheets have been produced >or lathed from the log, they can be spliced to the desired flitch dimensions. This is probably the least expensive cut due to the yield.

> L JOINT



referred to as a cathedral or crown

a rotary cut appearance, a quartered

cut appearance or even a rift cut



#### Plain Sliced (FLAT CUT) **Quarter Slicing**

The half log is mounted with the heart The quarter log is mounted on the side floating against the guide plate of guide plate so that the growth rings the slicer, and the slicing is done parallel of the log strike at approximately to a line through the center of the log, right angles, producing a very producing a variegated figure. This cut straight grain (quartered) in some produces a grain pattern in the shape woods and varied grain appearance of an inverted "V" or what is commonly in other woods. In both red and white Oak, this slicing can produce pattern. Plain slicing may also produce unlimited amounts of medullary ray or ray fleck. Although these rays can not be totally eliminated in straight appearance depending on the individual grain cuts it can be minimized by rift log and angle of the slicing of that log. cutting the quarter of a log.



absence of rays or flee

#### **Bift Cut/Comb Grain** (RED/WHITE OAK)

The Rift or Comb grain effect is produced by slicing perpendicular to the Oak's medullary rays on either the lathe or the slicer. This particular cut produces a very distinguishable straight and tight grain over the length of the entire flitch. This also minimizes the medullary rays that are produced in quarter cut veneers. Furthermore it is a better out for matching adjacent flitches as well as stock or lumber material. Comb grain is the "hybrid "to Rift cut as far as tightness of grain and

L JOINT J

Random Match No sequential

match is required for this match. Flitches

are placed out of order and may not ever

is to produce an unmatched and random

Pair or set matching is not an option for a

appearance in both color and grain.

andomly matched face

be from the same log. The goal of this match

### **IN-HOUSE** FACTORY FINISHING

#### STANDARD & CUSTOM MATCH OPTIONS

Vancouver Doors offers in-house factory finishing to ensure exceptional quality and consistency for every door. Choose from our range of standard finishes, or opt for custom color matching to perfectly align with your project's design vision. We do it the old fashioned way - by hand with expert finishers - and prefer the durability of conversion varnish to make sure you have a long lasting, beautifu, ready-to-installl door.

#### COMPREHENSIVE FACTORY MACHINING SERVICES

At Vancouver Doors, we offer a full array of factory machining services to ensure your doors meet all installation and functional requirements. Our expert machining includes:

- Hinge and Lock Prep
- Concealed Hinges and Closers
- Auto Door Bottoms
- Vertical Rods
- Custom Hardware Preps

Additionally, we provide extra blocking for hardware applications to accommodate various installation needs and enhance the durability of your doors.

For more details on our machining services, locations, and specifications, please visit our website.

LEED CREDITS Vancouver Doors can contribute to the following LEED credits. Please visit our website for supporting documentation

MR 4.1 Recycled Content MR 4.2 Recycled Content MR 5.1 (many Texas based projects) MR 5.2 (many Texas based projects) EQ 4.4 Low Emitting Materials.





**BB TANNEBY** WILEY CHERRY



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Book Match This is by far the most common match. This is achieved by turning over every other veneer component from its sequence in the pile and edge gluing it to the previous flitch from the collection It is essentially creating a mirror image of the flitch next to it. Although this type of matching is the most pleasing, it also produces an effect that is called the "Barber Z Pole" effect. This is the cause of turning over every other flitch, which puts the "Tight side" of one flitch facing outward and the "Loose side" of the adjacent flitch facing outward. This may refract light differently between the side >by side flitches emitting a color or contrast variation. On a typical panel, you may have several flitches over the entire face, and this can be an undesirable effect for some



Slip Match This method is achieved by pulling a flitch in sequence and placing it next to the previous flitch without flipping it over. It puts the pattern on the opposite side but keeps the tight-side outward on all panels so as not to produce the "Barber Pole" effect. Some find this match as an alternate in eliminating the "Barber pole" effect, but it also has some undesirable issues. One of these is that it produces a sharp contrast between the two flitches, which is allowed in most standards due to the yield required to eliminate this completely. Another issue is the leaning effect; this can cause when the grain slope over, particularly with large doors, makes it appear to have a lean or twist to one side.

This match requires that there be an equal

places a joint in the middle of the trimmed

panel. The outer panels may be reduced

after trim up to 1" on custom ("A") grade

and 1/2" of premium ("AA") grade panels.

The exact allowance on the offset of the

center joint is 1/4" to 3/8". The yield factor

higher, and therefore the cost is augmented.

for this particular match is somewhat

particularly on some species if avail

number of flitches of equal width. This

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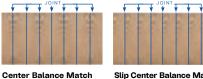


Running Match This match is the standard or default if no other match is specified for custom ("A") grade faces. This is also the most economical of all the matches as it can be produced from larger flitches of un-equal width. In most cases, the outer edges of the final trimmed panel or face will be narrower than the inner flitches. It is strongly recommended that this match not be specified when sequential matching from door to door is required



#### Balance Match Each face is assembled from flitches of equal width

It may contain an equal or odd number of flitches within the trimmed panel or face. An odd number of flitches will result in the outer flitch from one edge to the next to be oriented in a different direction on book matched faces. Only at the outer edges will the flitch width differ by up to a maximum of one inch as allowed by standards.



are book matched, and the direction is mirrored from the opposite side for the balance of the panel. All other aspects apply to the "center balance" match.

Slip Center Balance Match Quarter and rift (comb) cuts are generally specified for this type of match. The panel is comprised of equal-sized flitches with a center joint where the two center flitches

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