

full line door catalog















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SELECT THE DOOR THAT ENDURES

Woodgrain traditional wood and medium density fiberboard (MDF) engineered doors offer a unique combination of beauty and durability. Made in an array of attractive designs, and offered in primed MDF or in nine wood species. Woodgrain offers a wide range of doors to complement any interior.

HERITAGE OF QUALITY

Woodgrain has manufactured millwork and building products for the residential and commercial construction markets since it was founded in 1954. As a family owned and managed business, Woodgrain strives to offer the best craftsmanship available in the industry. Woodgrain is one of the largest manufacturers of interior pine doors and prefinished mouldings in the United States. In addition, Woodgrain manufactures a range of millwork products, including patio doors, columns, windows, porch posts, flexible trim and decorative embossed mouldings. With over 20 manufacturing and distribution facilities in North and South America, Woodgrain provides an extensive product offering and exemplary service.

KIND TO THE ENVIRONMENT

Woodgrain has a long history of achieving high environmental standards for product sourcing and manufacturing. All wood used in the manufacture of Woodgrain doors is obtained from renewable resources.

WOODGRAIN COMMITMENT

Woodgrain is committed to innovation through continuous improvements in manufacturing, investment in design, best-quality craftsmanship and the use of the highest quality raw materials to build doors that are as durable as they are beautiful.

SELECTING THE RIGHT DOOR

To designate your door choice:

- Select a door design
- Select your choice of wood species from the available list below each door design (not all designs are available in all species)
- Select a panel option that corresponds to your choice of wood species (there could be more than one panel choice based on the species)

woodgraindoors.com 2

22-23

VARIETY OF WOOD SPECIES AVAILABLE



KNOTTY ALDER

Knotty Alder grows in the Pacific Northwest and is a medium density hardwood with an even grain appearance. The wood is normally light brown with hues of red or peach. Its softer nature makes it easy to machine and receptive to a variety of stains and finishes.



DOUGLAS FIR

Douglas Fir is a large, generally straight-grained tree that grows in abundance in the Pacific Northwest. Douglas Fir is characterized by exceptional natural strength, hardness and durability. The wood varies in color from yellowish tan to light, bright brown.



KNOTTY PINE

Knotty Pine is abundant in America. The wood has a rich display of knots that reflects the randomness and beauty of nature. The wood tends to be a honey-toned or straw-like color while the knots are generally reddish-brown in color.



NORTHERN RED OAK

Both hard and heavy, Oak grows mainly in the North Central United States. With a coarse texture and a straight, prominent grain, oak accepts a broad range of stains and finishes.



PONDEROSA PINE

Ponderosa Pine is one of America's most abundant tree species. It has straight, uniform grain with minimal amounts of reddish-brown heartwood. The sapwood has wide growth bands, which are honeytoned or straw-like in color.



POPLAR

Poplar grows in the Eastern United States. Colors of Poplar vary from brown to pale yellow to olive green. Over time, the green color will darken with exposure to sunlight and may turn brown. Poplar is a medium density hardwood, generally straight-grained with a fine, even texture.



RADIATA PINE

Radiata Pine is a plantation-grown wood from Chile, New Zealand and Australia. It has a distinctive grain pattern with a pale cream color. Radiata tends to be harder than other pine species and has fewer knots.



CHERRY

Cherry grows in the Eastern and Midwestern United States and offers a range of colors including white, light red, deep red and a reddish brown. Cherry has a fine, uniform straight grain and a smooth texture. Cherry accepts a variety of stains and finishes.



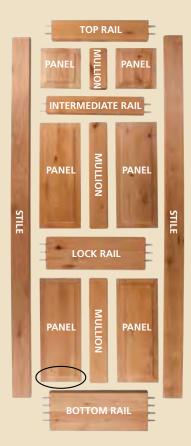
MAPLE

Maple grows in the Eastern United States and offers a very fine grain and a whitish color tinged with reddish brown.



MEDIUM DENSITY FIBERBOARD (MDF)

MDF is an engineered wood product made from refined wood fibers that are bonded with resins using heat and pressure. Widely used in millwork, MDF is a durable and stable material that offers design flexibility and superior shaping and finishing.



Panel options for each category show an end view of the panels available.

SPECIAL ORDER PROGRAM

Many custom sizes and styles can be accommodated. Call your distributor for availability.

- Custom size doors
- Custom design doors

NEW! FIRE DOOR OFFERING

Ask about Woodgrain Door's new line of Fire Doors with 20-, 60- and 90-minute fire ratings.

See page 16.



interior raised panel doors

Woodgrain offers several different panel options in a variety of wood species. The raised panel profiles offer added dimension to complement traditional or contemporary home designs.

Available in the following wood species:

- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Oak (OAK)
- Knotty Alder (KAL)
- Poplar (POP)
- Cherry (CHY)
- Maple (MPL)
- Primed (PRM)

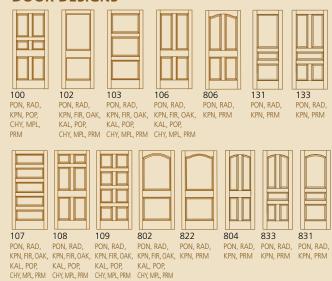
SPECIFICATIONS

Heights: 6'8", 7'0", 8'0" Width: 1'0" - 3'0" 1 3/8" Thickness:

• 13/4" available in certain styles and species for interior use only.

• Not all sizes or panel options are available in all styles or species.

DOOR DESIGNS



PANEL OPTIONS

See page 2 for reference

9/16" RP PON, RAD, KPN, PRM

9/16" DBH PON, RAD, KPN, PRM



3/4" Scoop BP OAK, POP, CHY, MPL

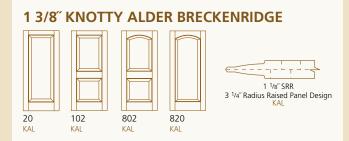




PLANK











PON 107 RP





OAK 102 (3/4") BP

interior flat panel doors



Flat panel doors offer a versatile look that complements both modern and traditional interiors. With a detailed design and linear approach, choose either the flat panel profile with square or ovolo sticking.

Available in the following wood species:

- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Oak (OAK)
- Knotty Alder (KAL)
- Poplar (POP)
- Cherry (CHY)
- Maple (MPL)
- Primed (PRM)

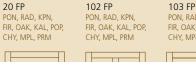
SPECIFICATIONS

6'8", 7'0", 8'0" Heights: Width: 1'0" - 3'0" 1 3/8", 1 3/4" Thickness:

• Not all sizes or panel options are available in all styles or species.

FLAT PANEL DOOR DESIGNS







4103T 103T FP PON, RAD, KPN, FIR, OAK, KAL, POP, CHY, MPL, PRM



106 FP PON, RAD, KPN, FIR, OAK, KAL, POP, CHY, MPL, PRM



4103

4107 107 FP PON, RAD, KPN, FIR, OAK, KAL, POP, CHY, MPL, PRM

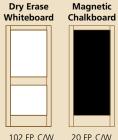
PANEL OPTIONS

See page 2 for reference

Shaker (4000 Series) PON, RAD, KPN, OAK, KAL POP, CHY, MPL, PRM



Nantucket (Ovolo sticking) POP, CHY, MPL, PRM



102 FP, C/W 4102 C/W

20 FP, C/W



KAL 4106



RAD 4107



KAL 4102



^{*}Available with Dry Erase Whiteboard or Magnetic Chalkboard in 1 3/8" thickness only.



interior plank and beaded doors

Plank doors have an attractive v-groove, which offers the traditional beauty of tongue and groove construction without joint separation, swelling, or rattling.

Available in the following wood species:

- Ponderosa Pine (PON)
- Knotty Pine (KPN)
- Knotty Alder (KAL)
- Primed (PRM)*

SPECIFICATIONS

Heights: 6'8", 7'0", 8'0" Width: 1'0" - 3'0" 1 3/8" Thickness:

- 13/4" available in certain styles and species for interior use only.
- Not all sizes or panel options are available in all styles or species.

DOOR DESIGNS









See page 2 for reference PLANK 11/16" SF PLK PON, KPN, PRM 3/4" PLK BEADED V-GROOVE PON, KPN, PRM

3/4" BVG

1 ¹/8" SRB Full Shoulder Beaded Design KAL

PANEL OPTIONS



KAL 802 PLK



KPN 102SF PLK





KAL 20 PLK



KPN 802SF PLK

^{*}Primed Ponderosa Pine

interior louver doors



Louver doors are available in a variety of configurations, including false, vented, full louver, louverover-louver and louver-over-panel. Louver doors are designed to provide privacy and ventilation and are ideal for closets and other spaces that require maximum air circulation.

Available in the following wood species:

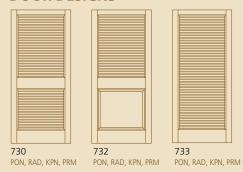
- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Primed (PRM)
- Additional Species Available.

SPECIFICATIONS

Heights: 6'8", 7'0", 8'0" 1'0" - 3'0" Width: 1 3/8", 1 3/4" Thickness:

- 13/4" available in certain styles and species for interior use only.
- Not all sizes or panel options are available in all styles or species.
- Knotty Pine doors have clear louvers.

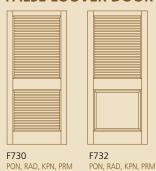
DOOR DESIGNS



LOUVER OPTIONS



FALSE LOUVER DOOR DESIGNS







PON 733



PRM 730



RAD 732 RP





bifold doors

Bifold doors are offered in a variety of designs. Choose from single or double hip raised panel, planked panel, flat panel or louver bifold doors. Bifold doors are ideal for smaller spaces, including closets, laundry rooms and any area where space is at a premium.

Premium: 1 3/8" thick; 2 1/4" stiles with full

scale rails

Gallery: 1 ¹/8" thick; 1 ³/16" stiles with

reduced rails

Premium

Gallery*





* Gallery is available in PON, RAD, and PRM.

Available in the following wood species:

- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Oak (OAK)
- Knotty Alder (KAL)
- Poplar (POP)
- Cherry (CHY)
- Maple (MPL)
- Primed (PRM)

SPECIFICATIONS

Heights: 6'8", 7'0", 8'0" 2'0" - 6'0" Width:

Thickness: Premium = $1 \frac{3}{8}$ "

Gallery = $1 \frac{1}{8}$ "

- Not all sizes or panel options are available in all styles or species.
- Hardwood stiles 2 1/4"



KAL 106 DBH (Premium)



OAK 108 (3/4") BP (Premium)



(Gallery)



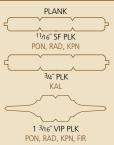
(Premium)

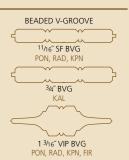
bifold doors



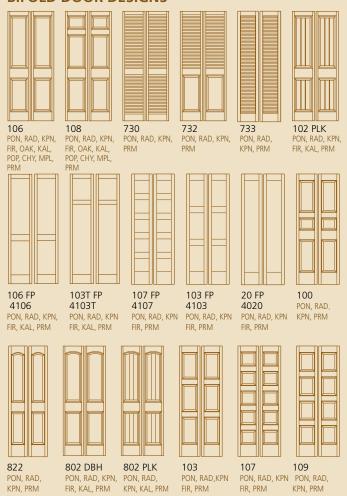
PANEL OPTIONS







BIFOLD DOOR DESIGNS













interior french doors

The Woodgrain French Door collection includes an assortment of handcrafted doors available in a variety of wood species, styles and glass options to complement any décor. All Woodgrain French Doors are built with true divided lite construction (TDL), meaning that each pane of glass is a unique piece of glass separated by wood muntin bars.

Each TDL door comes with a protective film that covers each pane of glass, allowing better paint or stain application. Simply apply the finish of your choice, let it dry, and then remove the protective film.

Available in the following wood species:

- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Oak (OAK)
- Knotty Alder (KAL)
- Poplar (POP)
- Cherry (CHY)
- Maple (MPL)
- Primed (PRM)

SPECIFICATIONS

Heights: 6'8", 7'0", 8'0" Width: 1'6" - 3'0" 1 3/8" Thickness:

- 1 3/4" available in certain styles and species for interior use only.
- Not all sizes or panel options are available in all styles or species.

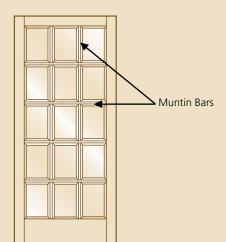
STILE PROFILES

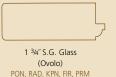


1 3/8" French TDL PON, RAD, KPN, OAK, POP, FIR, CHY, MPL, PRM,



1 3/8" French TDL (Block Tapered) KAL







1 3/4" Alder S.G. Glass (Block Tapered)







PON 660* *Clear glass with V-groove



PON 690



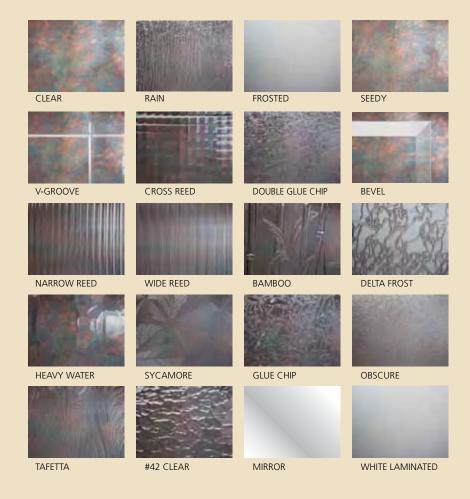
RAD 620

interior french doors



GLASS OPTIONS FOR FRENCH DOORS

- Not all sizes or glass options are available in all styles or species.
- Glass meets the following standards: ANZI Z9.1.1-1984, CPSC 160 CFR II, C1048-90 ASTM & DD-G-001403
- See glass matrix in Glass Door Series Brochure or at www.woodgraindoors.com







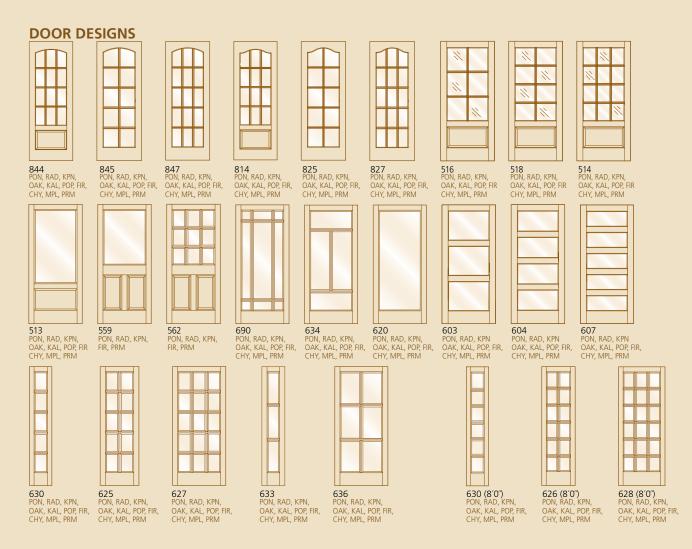








interior french doors





RAD 620 Mirror





PRM 627





FIR 607

decorative glass and utility doors



INTERIOR DECORATIVE GLASS

Beautiful geometric designs cast intricate patterns of light into the interior of your home. Offered in clear, v-grooved glass.

INTERIOR UTILITY DOORS

Utility Doors offer a custom look to your pantry, laundry room, or wine cellar.
Offered in frosted silk screened glass.

Available in the following wood species:

- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Oak (OAK)
- Knotty Alder (KAL)
- Poplar (POP)
- Cherry (CHY)
- Maple (MPL)
- Primed (PRM)

SPECIFICATIONS

Heights: 6'8", 7'0", 8'0"*
Width: 2'0" - 3'0"
Thickness: 1 3/8"

- * 8'0" same glass height as 6'8" with panel below.
- Not all sizes or panel options are available in all styles or species.

8'0" UTILITY DOOR



Available with 650 Laundry, 651 Harvest Corn, 652 Pantry, or 653 Wine Cellar glass designs in all species.

• 8'0" Decorative Glass Designs 660, 670, 680, 685 will be over a panel in all species.

DECORATIVE GLASS DESIGNS (clear v-grooved glass)



660 PON, RAD, KPN, OAK, KAL, POP, FIR, CHY, MPL, PRM



670 PON, RAD, KPN, OAK, KAL, POP, FIR, CHY. MPL, PRM



680 PON, RAD, KPN, OAK, KAL, POP, FIR, CHY, MPL, PRM



685 PON, RAD, KPN, OAK, KAL, POP, FIF CHY, MPL, PRM

UTILITY DOOR DESIGNS (frosted silk screened glass)



650 PON, RAD, KPN, OAK, KAL, POP, FIR, CHY, MPL, PRM



651 PON, RAD, KPN, OAK, KAL, POP, FIR CHY, MPL, PRM



652 PON, RAD, KPN, OAK, KAL, POP, FIR, CHY, MPL, PRM



653 PON, RAD, KPN, OAK, KAL, POP, FIR, CHY, MPL, PRM



650 Laundry



651 Harvest Corn



652 Pantry



653 Wine Cellar



OAK 650



PON 660



KPN 651



RAD 652



FIR 653

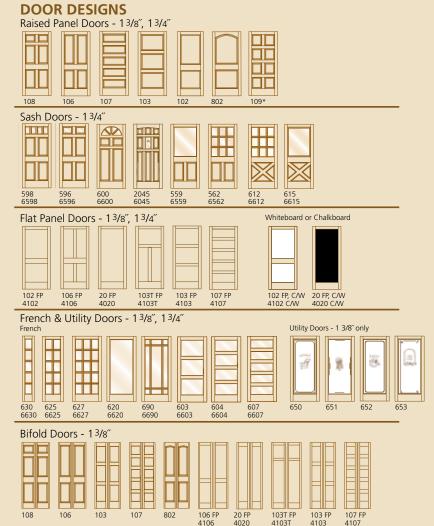


Woodgrain is excited to introduce the expansion of the Douglas Fir door program. Clean lines and warm coloring gives our vertical grain Douglas Fir doors an enduring appeal. Douglas Fir is characterized by exceptional natural strength, proven durability and warm color.

- Douglas Fir
- Vertical grain
- Warm coloring
- Exceptional natural strength

SPECIFICATIONS

For specification see www.woodgrain.com











FIK 6

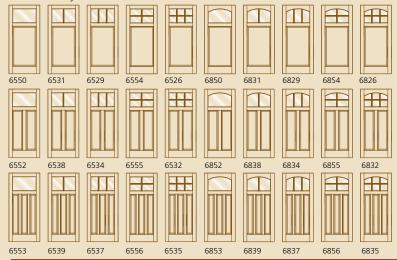
FIR 653

fir doors

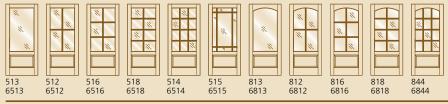


DOOR DESIGNS

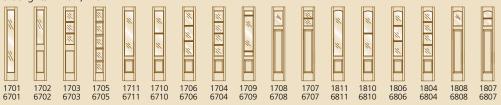
Craftsman Style Doors - Raised & Flat Panel - 13/4"



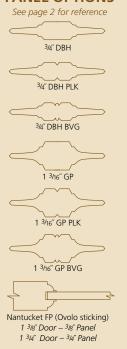
3/4 Lite Doors - Raised & Flat Panel - 13/8", 13/4"



Sidelights - 13/8", 13/4"



PANEL OPTIONS





Shaker (4000 Series) 1 ³/₈" Door – ³/₈" Panel 1 ³/₄" Door – ³/₄" Panel



FIR 627



FIR 6837



FIR 515



fire doors

20-, 60- AND 90-MINUTE FIRE DOORS NOW AVAILABLE FROM WOODGRAIN

Woodgrain doors has been offering beautiful wood doors in 10 different species for decades, now we can manufacture these same doors with a 20-, 60- or 90-minute fire rating. We achieve these ratings by incorporating a special intumescent core into our 1 ¾" thick doors.

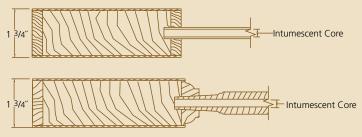
Available in the following wood species:

- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Oak (OAK)
- Knotty Alder (KAL)
- Poplar (POP)
- Cherry (CHY)
- Maple (MPL)
- Primed (PRM)

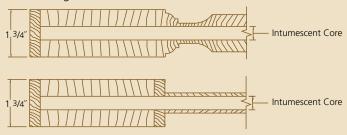




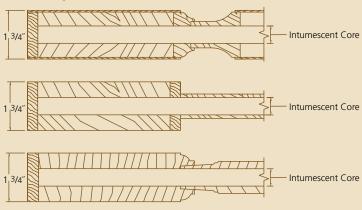
Woodgrain 20 Minute Fire Rated Door



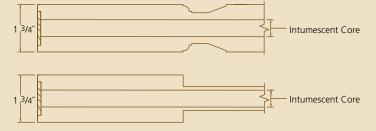
Woodgrain 60 Minute Fire Rated Door



Woodgrain 90 Minute Fire Rated Wood Door



Woodgrain 90 Minute Fire Rated MDF Door



exterior raised panel doors



The natural warmth of Woodgrain exterior wood doors provide both an inviting and a rich appearance. Woodgrain exterior doors are engineered with panels, stiles, and rails that are specifically designed to withstand exposure to the elements. With multiple panel options and several wood species to choose from, Woodgrain exterior doors will match any interior design.

Available in the following wood species:

- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Knotty Alder (KAL)

BRECKENRIDGE DOORS

These striking doors are constructed with "Premium Grade" Knotty Alder lumber. Each door has the following characteristics:

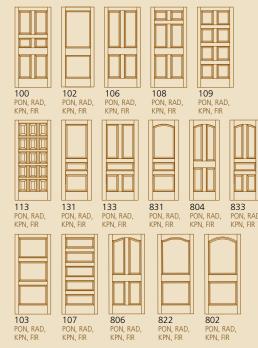
- Rich display of natural knots
- State-of-the-art 1 3/8" thick split resistant panels
- 5 3/8" wide stile design
- Engineered LVL core
- Unique 3 1/4" radius raise that increases depth appearance
- Suitable for interior and exterior use

SPECIFICATIONS

6'8", 7'0", 8'0" Heights: 2'0" - 3'6" Width: 1 3/4" Thickness:

• Not all sizes or panel options are available in all styles or species.

DOOR DESIGNS



PANEL OPTIONS

See page 2 for reference



KNOTTY ALDER BRECKENRIDGE



• Sidelights, see page 26





KAL 102 SRR



PON 109 RP



KAL 802 SRR





exterior plank and beaded doors

Exterior plank doors have an attractive v-groove, which offers the traditional beauty of tongue and groove construction without joint separation, swelling, or rattling.

Available in the following wood species:

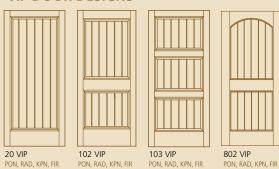
- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Knotty Alder (KAL)

SPECIFICATIONS

Heights: 6'8", 7'0", 8'0" Width: 2'0" - 3'6" 1 3/4" Thickness:

• Not all sizes or panel options are available in all styles or species.

VIP DOOR DESIGNS



PANEL OPTIONS See page 2 for reference



KNOTTY ALDER BRECKENRIDGE





1 ³/16" VIP BVG PON, RAD, KPN, FIR









KPN 20 VIP PLK



KAL 20 SRP



KAL 102 SRP



KAL 820 SRP



KAL 802 SRP

exterior glass doors



The Woodgrain glass door collection includes an assortment of handcrafted doors available in a variety of wood species, styles and glass options to complement any décor. All of the Woodgrain Glass Doors are composed of true divided lite construction (TDL), meaning that each pane of glass is a unique piece of glass separated by wood muntin bars.

Each TDL door comes with a protective wrap. Protective film covers each pane of glass, allowing better paint or stain application. Simply apply the finish of your choice, let it dry, and then remove the protective film.

Available in the following wood species:

- Ponderosa Pine (PON)
- Radiata Pine (RAD)
- Knotty Pine (KPN)
- Douglas Fir (FIR)
- Knotty Alder (KAL)
- Fir (FIR)
- Primed (PRM)

SPECIFICATIONS EXTERIOR GLASS DOORS

Heights: 6'8", 7'0", 8'0" Width: 2'0" - 3'0" Thickness: 1 3/4"

SIDE LIGHTS

Heights: 6'8", 7'0", 8'0"

Width: 1'0" - 1'6"

Thickness: 1 3/8" PON
1 3/4" KAL

TRANSOMS

Heights: 1'0", 1'2", 1'4" Width: 2'0" - 6'0" Thickness: 1 3/8"

• Not all sizes or panel options are available in all styles or species.

GLASS OPTIONS

Clear Single Glaze: A single piece of tempered glass.

Clear Insulated: Two or more pieces of tempered glass fabricated into one sealed unit.

LowE Insulated: Coated insulated glass that reflects radiant heat, improving energy efficiency.

• For specialty glass contact your distributor.

STILE PROFILES

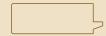




1 3/4" SG Glass Profile PON, RAD, KPN, FIR



1 ³/4" Insulated Glass Profile KAL



1 3/4" SG Glass Profile



PON 6598 RP



PRM 6625



PON 6596 RP





exterior glass doors

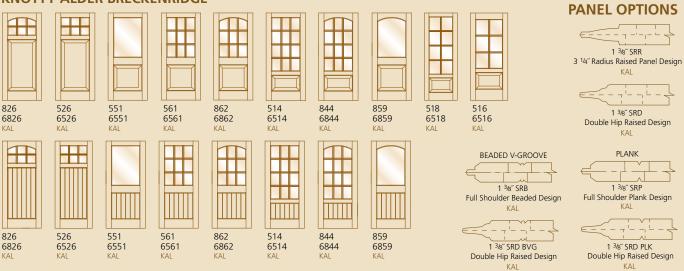
DOOR DESIGNS

Top Number: Single glaze glass Bottom Number: Insulated glass



^{*}For top row panel options see page 21

KNOTTY ALDER BRECKENRIDGE





PON 6559RP





PON 600RP



KAL 6844SRR



BRECKENRIDGE

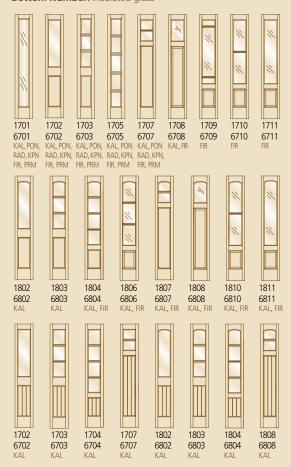
PON 6562RP

exterior sidelights and transoms



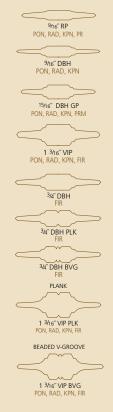
SIDELIGHTS DESIGNS

Top Number: Single glaze glass **Bottom Number:** Insulated glass





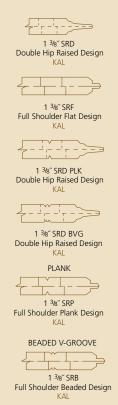
DOOR AND SIDELIGHT PANEL OPTIONS



SIDELIGHT STYLE OPTIONS

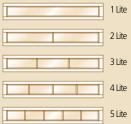


KNOTTY ALDER BRECKENRIDGE SIDELIGHT PANEL OPTIONS



TRANSOM DESIGNS

Stiles 2 ¹/₄" or 4 ⁹/₁₆"
Rails 2 ¹/₄"



* SRF recommened when installed with SRR entry door. The SRR panel raise too large for most sidelight sizes.



classic collection doors

CLASSIC COLLECTION – AUTHENTIC STILE AND RAIL PRIMED INTERIOR DOORS

Woodgrain stile and rail primed doors are assembled with a durable MDF veneer laminated over engineered wood core stiles and rails. Every door is delivered with two coats of acrylic base latex primer, applied at a rate of four-mil thickness through our state-of-the-art priming system and sanded after each coat. Each door is ready to accept its final paint finish in your choice of color — either water or solvent based enamel paint.

- Stile and rail construction
- MDF veneer laminated over pine core
- Two coats primer
- Smooth surface
- Ready for final paint finish









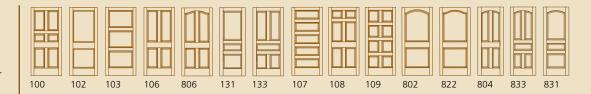
classic collection doors



DOOR DESIGNS

Raised Panel Doors

Specifications Heights: 6'8", 7'0", 8'0" Width: 1'0" - 3'0" Thickness: 1 3/8", 1 3/4"



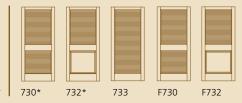
Flat Panel Doors

Specifications Heights: 6′8″, 7′0″, 8′0″ Width: 1′0″ - 3′0″ Thickness: 1 3/8″, 1 3/4″



Louver Doors

Specifications
Heights: 6'8", 7'0", 8'0"
Width: 1'0" - 3'0"
Thickness: 1 3/8", 1 3/4"
* Available in both 1 3/8", 1 3/4" thickness



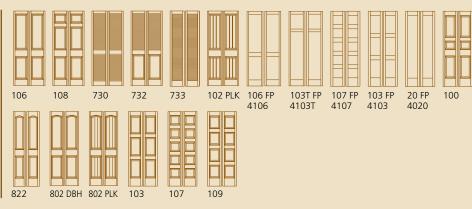
Bifold Doors:

Specifications Heights: 6'8", 7'0", 8'0" Width: 1'0" - 3'0"

Thickness:

Premium = 1 3/8" Legend = 1 1/8"

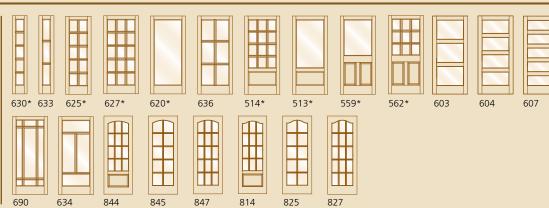
Gallery = 1 1/8"



Glass Doors

Specifications Heights: 6'8", 7'0", 8'0" Width: 1'0" - 3'0" Thickness: 1 3/8", 1 3/4"

* Available in both 1 3/8", 1 3/4" thicknesses.





PREMIUM ROUTER CARVED MDF DOORS

Woodgrain Design Collection MDF doors are made of medium density fiberboard (MDF) and include both 1 ³/8" and 1 ³/4" doors available in panel, bifold and fire-rated doors. Design Collection MDF doors offer infinite design options by combining cutting edge technology and old-fashioned craftsmanship. Not simply an MDF producer, Woodgrain uses its well-honed techniques from decades of wood door manufacturing to build a better door.

Design Collection MDF doors offer:

- Exceptionally smooth surface for excellent paint adhesion.
- Unlimited design options, including most graphics and text.
- Resists shrinkage, expansion or warping
- Environmentally friendly.
- SureEdge design.

Design Collection MDF doors with expanded polystyrene (EPS) core offer several advantages:

- 40% lighter than the standard 2'6" x 6'8" MDF door.
- Easier to handle and hang.
- Exerts less stress on the hinges.

DOOR SPECIFICATIONS

Heights: 6'8", 7'0", 8'0" Width: 1'0" - 4'0" Thickness: 1 3/8", 1 3/4"

• Bifold and fire doors available.





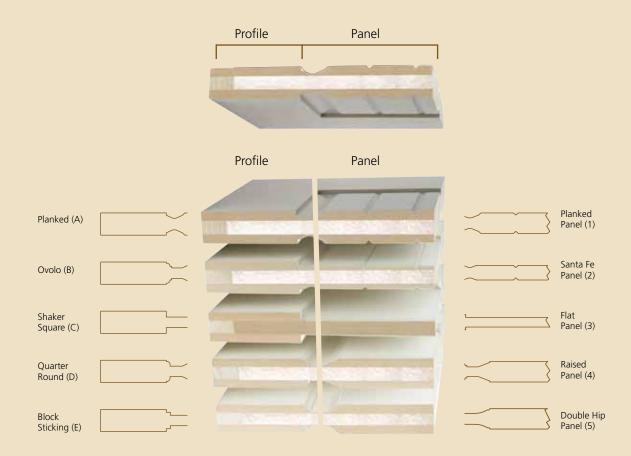




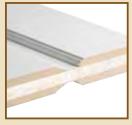


PROFILE AND PANEL OPTIONS

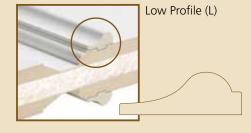
Mix and match any of the five profile options or two raised moulding options.



RAISED MOULDING



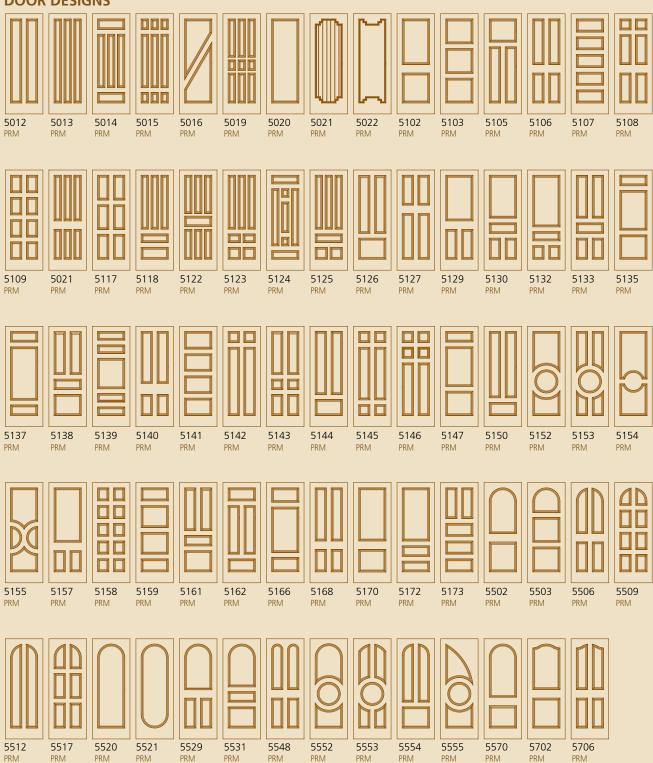
Standard MDF Door





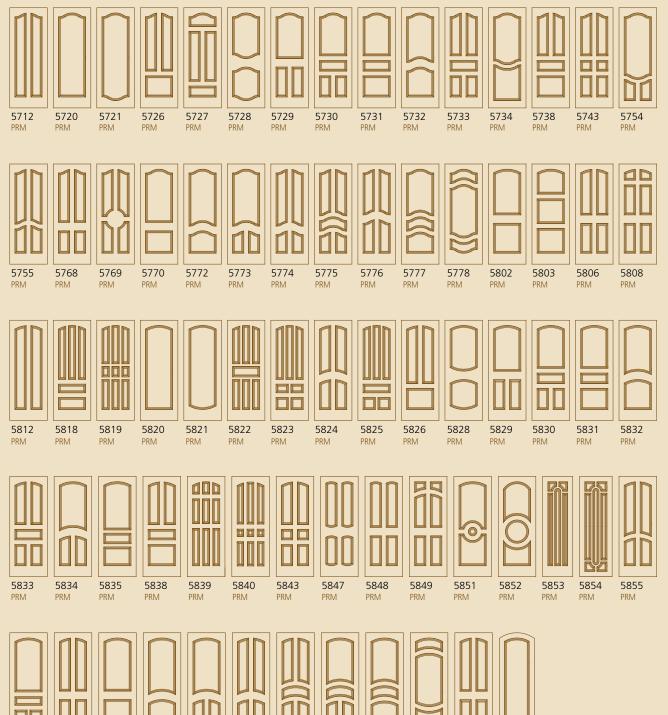


DOOR DESIGNS





DOOR DESIGNS



PRM



FACTORY PRIMED

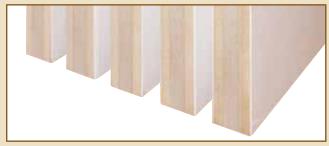
The Design Collection is factory-primed with a state-of-the-art automated priming system. Every door is delivered with two coats of acrylic base latex primer, applied at a rate of four-mill thickness and sanded after each coat. Each door is ready to accept its final paint finish in your choice of color using either water- or solvent-based enamel.



Precision Routing Technology provides crisp lines



SureEdge



SureEdge

THE SUREEDGE ADVANTAGE:

SureEdge solid wood edge band is a feature in each MDF door. Installed in each stile, the SureEdge system allows maximum screw holding power and ease of hinge mortising.

SCREW HOLDING CAPACITY

Woodarain Promium			
Requirement			
1A Performance	>550 lbs.	>475 lbs.	>400 lbs.
WDMA I.S.			
	Extra Heavy	Heavy	Standard
	DUTY LEVEL		

Woodgrain Premium
MDF Door with
Radiata SureEdge >800 lbs.

The Window and Door Manufacturers Association (WDMA) has established a performance-based standard to judge the screw-holding capacity of doors for use in commercial settings. The current standard (I.S. 1A) contains three classifications of "Duty Level." In independent tests conducted at Washington State University, Woodgrain's Premium MDF doors made with a Radiata SureEdge outperformed the "Extra Heavy Duty" level with more than 45% greater screw holding capacity.

WDMA suggested uses for "Extra Heavy Duty" doors: classroom, patient room, public bathroom, dorm room, auditorium entry, detention/correctional, bullet-resistant, gymnasium/locker room, surgical entry, assembly area, and trauma center.

Suggested uses for "Heavy Duty" doors also include: assisted living entry, office, stairwell, hospitality, and apartment/condo entry.

The Wood Materials and Engineering Laboratory at Washington State University conducted testing in September 2005, according to the test procedure NWWDA TM-10: "Test Method to Determine the Screw Holding Capacity of Wood Door Stiles." Documentation is on file at Woodgrain Millwork Inc.

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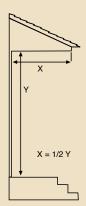
limited warranty



Woodgrain Doors (hereafter Seller) doors are warranted to be of sound material and workmanship and to be free of manufacturing defects which would cause the door to be unfit for ordinary recommended use for the period of twenty-four (24) months on interior doors and twelve months (12) on exterior doors from the date of shipment provided the handling, installation, and finishing instructions listed below are followed. Failure to follow these guidelines voids the warranty.

Normal characteristics of kiln dried wood include but are not limited to, minor swelling and shrinking of parts made from wood, raised grain, minor pitch pockets, natural grain and color variations. Natural expansion and contraction of wood occurs with variations in climatic and atmospheric conditions such as humidity and temperature and is not a defect hereunder.

Warp in the plane of the door itself will be considered a defect only if it exceeds one-quarter inch (1/4") when measured as a deviation from a straight edge. Doors over 3-0 wide or 7-0 high are excluded from the warranty against warp. Improper hanging of the door or unsquare door frames are not considered as defects.



Any doors used in an exterior application must be at least 1 ¾" thick and must be installed under an adequate overhang. An adequate overhang depends of the typical weather conditions of the site where the building is located. Typically, this means an overhang width of 50% of the overhang height an in severe exposure (South, Southwest and West), the overhang width should equal 100% of the overhang height.

Any doors found to be defective by the Seller will be repaired or replaced, or the purchase price will be refunded at the option of Woodgrain Doors, provided the handling, installation and finishing instructions have been followed.

An extended warranty period is granted solely for seal failure on insulated glass unites (moisture between glass) for a period of ten (10) years from the date of manufacture. At Seller's sole discretion, the replacement door or glass will be shipped FOB from the Woodgrain Doors factory. Seller will not, under any circumstances, be liable for installation, refinishing or painting. Cracked or broken glass is not covered by this warranty. The glass warranty will be void if the product is not properly installed according to Sellers installation instructions, or is used in or around swimming pools, saunas, sprinkler systems or greenhouse enclosures; or if installed over 5,000 ft. above sea level unless units were ordered with high altitude breather tubes. The warranty on Panel doors will be void if the product is used in or around swimming pools, saunas, sprinkler systems or greenhouse enclosures. No agent, employee or representative of Seller has any authority to bind Seller to any affirmation, representation or warranty concerning Seller's products, except as expressly stated herein.

The foregoing is in lieu of all other expressed warranties. All implied warranties of merchantability or fitness for a particular purpose are hereby limited in duration to the two-year period stated herein. The liability of Woodgrain Doors is expressly limited to replacement or repair of the defects of the door, or refunding at its option. Woodgrain Doors will not be liable for any other expense, injury, loss or damage, whether direct or consequential, arising in connection with the sale or use of, or inability to use, any product of Woodgrain Doors, for any purpose. No purchaser shall be entitled to consequential damages as defined in the Uniform Commercial Code. Final determination of whether or not a defect exists shall be made solely by Seller in accordance with procedures established by Seller.



finishing options

Because Woodgrain doors are crafted with only the finest materials, you can choose from a wide variety of stain or paints to finish your door. Paint dealers have a broad selection of color chips on hand to demonstrate the look you can achieve when finishing Woodgrain doors.

Apply either oil-base or latex resin-base paints over an oil-base primer. (Latex or water base primer may contribute to raised grain). Take care in following the finishing instructions provided. Be sure to evaluate the conditions your Woodgrain door must endure, such as direct exposure to severe climates, before deciding on the specific finish to use.

HANDLING

- Do not walk on any door units. Some units contain glass.
- Avoid dragging doors across one another.
- Keep doors clean.
- Store doors flat on a level surface in a dry, well ventilated interior space.
- Doors should be conditioned to average prevailing relative humidity of the locality before hanging. This generally takes 48 to 72 hours.
- Doors should be delivered to the building site only after the concrete, plaster, stucco, sheet rock work and paint are completely dry.
- Doors should not be subject to extreme or rapid changes in heat or humidity. Avoid sudden changes such as forced heat to dry out a building.
- If the doors are to be stored on the job site, all ends and edges must be sealed with quality oil-base sealer in order to prevent undue moisture absorption.

PREPARATION FOR FINISHING

- Before applying the first coat of finish: thoroughly sand the entire surface of the door with 5/0 (180 grit) sandpaper. This crucial step helps remove handling marks, fingerprints, fiber pop, natural grain raise, possible water or liquid marks (if exposed during shipping or while on the job-site during the construction phase) and evenly prepares open wood pores to help produce a more uniform finish
- Adjust or align components if necessary before finishing. Wood panels and other components "float" and may be moved. Be careful not to damage the door.
- Clean door thoroughly with a cloth after sanding to remove all dust or foreign material. Avoid using compressed air to blow off door as moisture or oil in the air may cause spotting. Avoid using caustic or abrasive cleaners.
- Hang door before finishing it, then remove it to finish properly.
- When staining, a wood conditioner may be used to help achieve a more uniform finish. (Be sure to follow the wood conditioner manufacturer's instructions closely).
- All surfaces of the door must be properly finished. The edges (top, bottom and sides) should be coated with each and every coat of finish that is applied to each face of the door.

EXTERIOR FINISHING

1. STAIN-AND-CLEAR FINISH When staining, a wood conditioner may be used to help achieve a more uniform finish. (Be sure to follow wood conditioner manufacturer's instructions closely.) The first coat of stain may be a stain-and-sealer, a combination of stain and sealer which colors the door and seals the surface. It is available in a wide range of colors. The stain-and-sealer should have an alkyd-resin base. Under no circumstances should a lacquer-based toner or any other lacquer-based finish be used on exterior doors.

The second and third coat (two top coats minimum) may be a solvent-borne (oil-base, alkyd resin-base, polyurethane resin-base) or a water-borne (latex resin-base) clear finish. On doors that are glazed, the finish used should be flowed from the wood slightly onto the glass. This will provide assurance against water leakage and protect the glazing compound from drying out. See note (1) and (2) below.

The advantages and disadvantages of solvent-borne vs. water-borne clear finishes are as follows:

<u>Solvent-Borne Advantages:</u> Faster drying, harder and more water resistant. May be applied under variable weather conditions.

<u>Disadvantages:</u> Subject to ultra-violet degradation and not as flexible or durable as water-borne clear finish.

<u>Water-Borne Advantages:</u> Very flexible, greater ultra-violet resistance, and good exterior durability.

<u>Disadvantages:</u> Cannot be applied below 50° F, long drying period required, and may not fully cure for several weeks. Water-sensitive until cure is complete. Note: Do not sand between coats of latex clear.

All stain-and-clear finishes will perform better if protected from the direct effects of sunlight and weathering, and refinishing will not be required as frequently.

finishing options



2. PAINT FINISH

Either oil-base or latex resin-base exterior grade paints may be used. Oil-base paints offer more resistance to the passage of water (liquid and vapor) than latex resin-base paints. Latex resin base paints have better durability and color retention. Doors should be sealed with a good quality oil-base primer followed by two topcoats of either an oil-base or latex resin-base paint. Both primer and top coat should be made by the same manufacturer and be designed to be used as a combination.

Note: Where possible exposure to direct sun or rain is a factor, doors should be sealed with a premium quality oil-base primer followed by two top coats of a premium quality oil-base paint.

3. CAUTION

Woodgrain Doors cannot evaluate all the available paints and stains, nor the customers' specific application requirements. Your paint dealer should know of suitable finish systems that give satisfactory results in your region. It is highly recommended that top quality finishes be selected, and the application instructions on the container be followed explicitly.

Please do not use metal objects, (razor blades etc.) to remove caulking compound or paint and varnish residue, it is known to scratch the tempered glass. Please do not use compressed air to blow off wood doors, as condensation in the air lines may cause irregular finishing results.

INTERIOR FINISHING

1. STAIN-AND-CLEAR FINISH

When staining, a wood conditioner may be used to help achieve a more uniform finish. (Be sure to follow wood conditioner manufacturer's instructions closely.) A solvent-borne finish system is recommended for interior doors and

may be a lacquer-based system. For best performance, a minimum of two clear top coats should be used over stains.

2. PAINT FINISH

Doors should be sealed with a good quality oil-base primer followed by two top coats of a solvent-base or latex enamel.

FITTING AND HANGING

- Immediately after cutting and fitting (before hanging), seal all cut surfaces and ends of door with an effective quality sealer. See exterior and interior finishing recommendation for complete instructions.
- Prior to exterior exposure, doors should be finished with complete finish system.
- When hanging door, allow adequate clearance for swelling of door or frame in damp weather. Allow approximately 3/16" clearance for swelling when the door is installed in fully dry conditions. Jambs must be plumb.
- Do not cut doors down in height by more than 2 9/16" (13/16" maximum from top, 1 3/4" from the bottom).
 Care should be taken in cutting doors down in width (maximum 1/8" each side) to avoid exposing engineered core. Use sharp fine tooth saw for trimming ends of doors.
- Caution must be used to avoid impairing the strength of the door when fitting for locks. Allow at least 1" of wood back of mortise.
- Use three hinges on doors up to 7' in height and four hinges on doors over 7'. Hinges must be set in a straight line to prevent distortion.
- Jambs and stops must be set square and plumb.

- For best performance, any exterior door should be installed under an overhang or with protection. If an overhang is not feasible, finishing the door in a light color may help prevent excess heat build-up in the door.
- To minimize heat loss and save energy, use weatherstripping.

Please do not use metal objects, (razor blades etc.) to remove caulking compound or paint and varnish residue, it is known to scratch the tempered glass. Please do not use compressed air to blow off wood doors, as condensation in the air lines may cause irregular finishing results.

MAINTENANCE

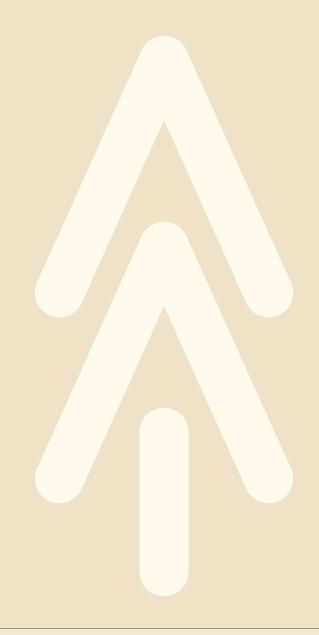
Your Woodgrain door has been handcrafted to last for years to come. But, like any fine piece of furniture, its finish will require, periodic maintenance to keep it looking great and provide proper protection against the elements. Regular finish maintenance is also a requirement of the warranty that is included with every Woodgrain door.

Here are some signs to watch for that may indicate it is time for maintenance:

- 1. Hairline cracks in the top coat of finish.
- 2. Changes in the color of the finish.
- 3. Changes in the texture of the finish, such as flaking or scaling.
- 4. Dullness or chalkiness in the finish.

If you live in a severe climate or your entry receives a lot of direct sunlight from a southern or western exposure, you will want to examine your door's finish often.

Depending on these conditions, you may also need to refinish the door more frequently.



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