



Woodgrain Millwork has been an expert in wood, from the tree to the finished product, since it was formed from what was the Dame Lumber Company in the 1950's. Choosing a wood species that is right for you and for the style of your home is as important as the selection of the panel style and type of door. To start, think about whether you want a broad, pronounced grain pattern or an understated grain design that is consistent in each door in your home. View the pictures of the popular Knotty Pine and Knotty Alder doors to see if the authenticity of the knots would complement or detract from your décor. Review stain colors and the specific hue you're looking for. Think about both the overall design of your home (contemporary or Colonial, country cottage or rustic retreat) and how a particular wood species not only integrates with that theme, but also accentuates it. Your builder or lumber dealer can help add to the summary level information found within this brochure and answer any questions you may have. Within the Woodgrain Collection, there are seven wood species and a line of factory primed doors in a vast array of panel, French, louver, and bifold designs. Everything you want to pick from and the assurance that the Woodgrain brand represents a heritage of quality and precise craftsmanship.



1201 W. Karcher Road P.O. Box 9489 Nampa, ID 83652-9489  
phone 208.467.5221 fax 208.467.2324 [www.woodgrain.com](http://www.woodgrain.com)

©2003 Woodgrain Millwork Inc., Fruitland, Idaho USA  
The Woodgrain Millwork logo, Woodgrain Millwork are registered or pending trademarks of Woodgrain Millwork, Fruitland, Idaho USA WG012/07•03/20M

t h e c o l l e c t i o n





table of contents

Woodgrain Ponderosa Pine Door Collection	4
Woodgrain Radiata Pine Door Collection	11
Woodgrain Knotty Pine Door Collection	16
Woodgrain Fir French Door Collection	18
Woodgrain Knotty Alder Door Collection	20
Woodgrain Poplar Door Collection	24
Woodgrain Oak Door Collection	26
Woodgrain Primed Panel and French Door Collection	28
Millwork – Knotty Alder	30
Warranty	31
Finish Recommendations	32





#### SELECT THE DOOR THAT ENDURES

Wood doors have offered homeowners warmth, authenticity and beauty for hundreds of years. Woodgrain Millwork wood doors go a step further in their precise craftsmanship and in breadth of the Woodgrain product offering. Made in an array of attractive designs, in seven wood species and also available factory primed, Woodgrain offers a design to complement any interior. Timeless for their design and their long-lasting performance, Woodgrain Millwork wood doors add detail and natural beauty to any décor.

#### HERITAGE THAT ASSURES QUALITY AND SERVICE

Woodgrain Millwork has been crafting high quality doors made from select, kiln dried wood and other superior materials for nearly twenty years. Because our manufacturing facility is located in Nampa, Idaho, customers can combine wood species without incurring additional cost. This kind of customization and flexibility has allowed Woodgrain Millwork to become the largest manufacturer of pine interior doors in the United States.

#### KIND TO THE ENVIRONMENT

Responsible business practices and respect for the environment are critical components of the Woodgrain Millwork brand. Woodgrain has a long history of achieving high environmental standards for product sourcing and manufacturing.

#### WOODGRAIN COMMITMENT

Woodgrain has provided innovation to the door category that indicates a strong commitment to its customers. With the promise of continuous process improvements in manufacturing techniques, investment in design, quality craftsmanship and the use of the highest quality raw materials, Woodgrain offers customers a door that is built to last.





# WOODGRAIN PONDEROSA PINE DOOR COLLECTION



The Woodgrain Ponderosa Collection

represents the finest quality and craftsmanship available in pine doors today. Historically, this species of wood has set the standard for the interior door industry, with a relatively tight grain and a warm blend of light yellow and brownish tones.

## Specifications

### Styles:

108, 106, 102, 100, 107, 109, 103, 802, 806, 822, 730, 732, 733, 630, 625, 627, 620, 626, 628, 690, 634, 633, 636, 6625, 6627, 6620, 6626, 6628, 660, 670, 680, 685, 113, 598, 596, 600, 559, 562, 612, 514, 6559, 6562, 6514, 6612, 6615, 1701, 1702, 1703, 1705, 6701, 6702, 6703, 6705,

### Thickness:

1 1/8", 1 3/8", 1 3/4"

### Widths:

1'0" - 3'0"

### Height:

6'8", 7'0", 8'0"

### Stiles:

2 1/4", 3 1/4", 4 1/4", 4 5/8"

### Rails:

Top Rail: 4 1/8", 4 5/8" (6 5/8" - 7'0" Doors)  
Lock Rail: 5 3/8", 7 1/2"  
Intermediate Rail: 4 5/8"  
Bottom Rail: 9", (11" - 7'0" Doors)  
7" - Louver Doors

### Also Available:

#### 1 1/8" & 1 3/8" Bifolds:

2'0", 2'4", 2'6", 2'8", 3'0", 4'0", 4'8", 5'0", 5'4", 6'0"

## Panel Options



5/8" RP



1 5/8" GP



1 3/8" VIP

## French Doors



PON620, PON6620



PON625, PON6625



PON627, PON6627



PON630



PON633

## Glass Options



Tempered Obscure



Tempered Clear



Tempered Beveled



PON634



PON636



PON690

\* Not all sizes are available in all styles

\*\* Not all panel and glass options are available in all styles

Decorative French Doors



PON660



PON670



PON680



PON685

Louver Doors



PON730



PON732



PON733

Panel Doors



PON100



PON102



PON103



PON106



PON107



PON108



PON109



PON802



PON806 (Eyebrow Panels)



PON822



Exterior Doors



PON100



PON106



PON108



PON109



PON113



PON600



PON615, PON6615



PON612, PON6612



PON730



PON732



PON514, PON6514



PON559, PON6559



PON562, PON6562



PON596



PON598



PON1701, PON6701



PON1702, PON6702



PON1703, PON6703



PON1705, PON6705

## WOODGRAIN PONDEROSA PINE DOOR COLLECTION

### 1 3/8" Bifold Doors



PON106



PON108



PON730



PON732

### 1 1/8" Bifold Doors – Legend



PON106



PON108

### 1 1/8" Bifold Doors – Gallery



PON106



PON108



PON730



PON732

## WOODGRAIN RADIATA PINE DOOR COLLECTION



Plantation grown for greater strength and stability, Woodgrain Radiata Pine Doors are durable with a consistent look from one door to the next. If decorating consistency is important, the Woodgrain Radiata line provides it. Pine has a distinctive grain pattern that is both broad and bold. These doors finish beautifully, providing versatility in the range of stain colors.

\* Not all sizes are available in all styles  
\*\* Not all panel and glass options are available in all styles

### Specifications

#### Styles:

108, 106, 102, 107, 103, 730, 732, 733, F730, F732, 630, 625, 627, 620, 626, 628, 514, 650, 651, 652, 4102, 4103, 4103T, 4107

#### Thickness:

1 1/8", 1 3/8"

#### Widths:

1'0" - 3'0"

#### Height:

6'8", 7'0", 8'0"

#### Stiles:

2 1/4", 3 1/4", 4 1/4", 4 5/8"

#### Rails:

Top Rail: 4 1/8", 4 5/8" (6 5/8" - 7'0" Doors)  
Lock Rail: 5 3/8", 7 1/2"  
Intermediate Rail: 4 5/8"  
Bottom Rail: 9" (11" - 7'0" Doors)  
7" - Louver Doors

#### ALSO AVAILABLE:

#### 1 1/8" & 1 3/8" Bifolds:

2'0", 2'4", 2'6", 2'8", 3'0", 4'0", 4'8", 5'0", 5'4", 6'0"

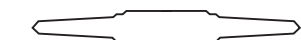
### Panel Options



5/8" RP



3/8" FP



DBH

### Glass Options



Tempered Obscure



Tempered Clear



Panel Doors



RAD102



RAD103



RAD106



RAD107



RAD108

French Doors



RAD514



RAD620



RAD625



RAD627

Utility Doors



RAD630



RAD650



RAD651



RAD652



Louver Doors



RAD730



RAD732



RAD733



RAD F730



RAD F732

Shaker Doors



RAD4102



RAD4103



RAD4103T



RAD4107

1 3/8" Bifold Doors



RAD106



RAD108



RAD730



RAD732

1 1/8" Bifold Doors – Legend



RAD4103T



RAD4102



RAD106



RAD108

1 1/8" Bifold Doors – Gallery



RAD106



RAD108



RAD730



RAD732

# WOODGRAIN KNOTTY PINE DOOR COLLECTION



With a rich display of natural knots

unique to every door, Woodgrain Knotty Pine Doors offer rustic charm that complements casual settings. These doors evoke the true essence of a wood door because they reflect the randomness and beauty of nature.

\* Not all sizes are available in all styles  
\*\* Not all panel and glass options are available in all styles

## Specifications

### Styles:

108, 106, 102, 802, 630, 625, 627, 620, 6625, 6627, 6620, 6626, 6628, 6620, 650, 651, 652

### Thickness:

1 $\frac{3}{8}$ " - 1 $\frac{1}{2}$ "

### Widths:

1'0" - 3'0"

### Height:

6'8"; 7'0", 8'0"

### Stiles:

2 $\frac{1}{4}$ " - 4 $\frac{1}{8}$ "

### Rails:

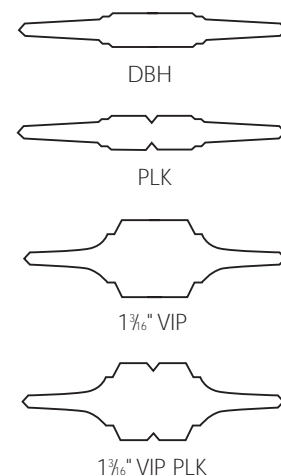
Top Rail: 4 $\frac{1}{8}$ " (6 $\frac{1}{8}$ " - 7'0" Doors)  
Lock Rail: 7 $\frac{1}{2}$ "  
Intermediate Rail: 4 $\frac{1}{8}$ "  
Bottom Rail: 9" (11" - 7'0" Doors)

### ALSO AVAILABLE:

#### 1 $\frac{3}{8}$ " Bifolds:

2'0", 2'4", 2'6", 2'8", 3'0", 4'0", 4'8", 5'0", 5'4", 6'0",

## Panel Options



## Panel Doors



KPN102



KPN102PLK



KPN106



KPN108



KPN802



KPN802PLK

## French Doors



KPN620



KPN625



KPN627



KPN630

## Utility Doors



KPN650



KPN651



KPN652

## Glass Options



Tempered  
Obscure



Tempered  
Clear

## 1 $\frac{3}{8}$ " Bifold Doors



KPN106



KPN108



KPN106PLK



# WOODGRAIN FIR FRENCH DOOR COLLECTION



Noted for its tight vertical grain

pattern, Woodgrain Fir French Doors offer a sleek,

contemporary look which also fits well with formal

interiors. Perfect for settings where a less

pronounced grain pattern is preferred, Woodgrain Fir

Doors offer a variety of hues, ranging from pinkish

tones to a rich, caramel color.

## Specifications

### Styles:

630, 625, 627, 620, 626, 628,  
6625, 6627, 6620, 6626, 6628,  
650, 651, 652

### Thickness:

1 $\frac{3}{8}$ ", 1 $\frac{3}{4}$ "

### Widths:

1'6", 2'0", 2'4", 2'6", 2'8", 3'0"

### Height:

6'8", 7'0", 8'0"

### Stiles:

4 $\frac{5}{16}$ "

### Rails:

Top Rail: 4 $\frac{5}{16}$ " (6 $\frac{5}{16}$ " - 7'0" Doors)  
Bottom Rail: 9" (11" - 7'0" Doors)

## Glass Options



Tempered  
Obscure



Tempered  
Clear

\* Not all sizes are available in all styles  
\*\* Not all glass options are available in all styles

## French Doors



FIR620, FIR6620



FIR625, FIR6625



FIR627, FIR6627



FIR630

## Utility Doors



FIR650



FIR651



FIR652

# WOODGRAIN KNOTTY ALDER DOOR COLLECTION



Woodgrain Knotty Alder doors offer

the beauty of a strong pattern and the authenticity of knots. Suitable for both formal and informal settings, the Knotty Alder Door line lends a stately elegance to even rustic interiors. The Woodgrain Knotty Alder Collection is handcrafted from red alder from the Pacific Northwest region of the United States.

## Specifications

**Styles:**  
102, 802, 106, 108, 20, 820, 4102, 4103, 4103T, 4107, 650, 651, 652, 514, 626, 628, 620, 625, 627, 630

**Thickness:**  
1 3/8", 1 3/4"

**Widths:**  
1'0" - 3'0"

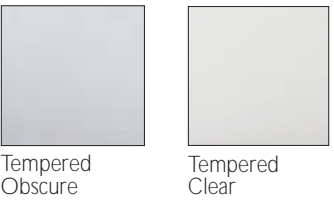
**Height:**  
6'8", 7'0", 8'0"

**Stiles:**  
2 1/4", 4 3/8", 5 3/8" (VIP)

**Rails:**  
4 5/8" (6 5/8" - 7'0" Doors)  
Lock Rail: 7 1/2"  
Intermediate Rail: 4 1/8"  
Bottom Rail: 9" (11" - 7'0" Doors)

**ALSO AVAILABLE**  
**1 3/8" Bifolds:**  
2'0", 2'6", 3'0", 4'0", 5'0", 6'0",

## Glass Options



\* Not all sizes are available in all styles  
\*\* Not all panel & glass options are available in all styles

## Panel Doors



KAL20PLK



KAL102



KAL102PLK



KAL106



KAL108



KAL802



KAL802PLK



KAL820PLK

## Panel Options



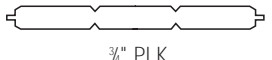
3/8" DBH



3/8" FP



1 1/8" VIP



3/4" PLK



French Doors



KAL514



KAL620



KAL625



KAL630



KAL627

Utility Doors



KAL650



KAL651



KAL652

Shaker Doors



KAL4102



KAL4103T



KAL4103



KAL4107

1 3/8" Bifold Doors



KAL108DBH



KAL106DBH



KAL106PLK



KAL4102



KAL4103T

# WOODGRAIN POPLAR DOOR COLLECTION



The Woodgrain Poplar Door

Collection offers a strong, durable wood that has a unique look. Woodgrain Poplar Doors have an understated grain pattern and a smooth look. These doors stain beautifully, creating finishes that can range from rich, red hues to the majesty of some of the darkest wood stains.

## Specifications

**Styles:**  
108, 106, 630, 625, 627, 620, 514, 660, 670, 680, 685, 650, 651, 652

**Thickness:**  
1 3/8"

**Widths:**  
1'0" - 3'0"

**Height:**  
6'8", 7'0"

**Panels:**  
1/2" & 1" Laminated Panels

**Stiles:**  
2 1/4", 4 3/8"

**Rails:**  
Top Rail: 4 7/8" (6 7/8" - 7'0" Doors)  
Lock Rail: 7 1/2"  
Intermediate Rail: 4 3/8"  
Bottom Rail: 9" (11" - 7'0" Doors)

**ALSO AVAILABLE:**  
**1 3/8" Bifolds:**  
2'0", 2'6", 2'8", 3'0", 4'0", 5'0", 6'0"

## Panel Options



1/2" Panel



1" Panel

\* Not all sizes are available in all styles

## French Doors



POP514



POP620



POP625



POP627



POP630

## Panel Doors



POP106

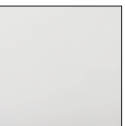


POP108

## Glass Options



Tempered Obscure



Tempered Clear

## Decorative French Doors



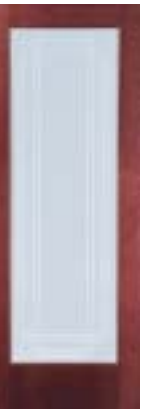
POP660



POP670



POP680



POP685

## Utility Doors



POP650



POP651



POP652

## 1 3/8" Bifold Doors



POP106



POP108



WOODGRAIN OAK DOOR COLLECTION



In response to customer demand, Woodgrain

Millwork introduces the Woodgrain Oak Door Collection. Because

of its unique combination of durability and beauty, Oak

complements any architectural style and decorating scheme.

Accepting of a spectrum of shades from lighter, medium to richer

tones, the Woodgrain Oak Door Collection offers design versatility.

Specifications

Styles:

102, 802, 106, 108, 514, 630, 625,  
627, 620, 650, 651, 652

Thickness:

1 3/8"

Widths:

1'0" - 3'0"

Height:

6'8", 7'0", 8'0"

Panels:

1/2" & 1" Laminated Panels

Stiles:

2 1/4", 4 5/8"

Rails:

4 5/8" (6 7/8" - 7'0" Doors)

Lock Rail: 7 1/2"

Intermediate Rail: 4 5/8"

Bottom Rail: 9" (11" - 7'0" Doors)

ALSO AVAILABLE

1 3/8" Bifolds:

2'0", 2'6", 3'0", 4'0", 5'0", 6'0"

Glass Options



Tempered Obscure



Tempered Clear

\* Not all sizes are available in all styles

French Doors



OAK514



OAK620



OAK625

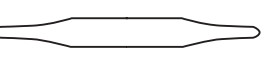


OAK627



OAK630

Panel Options



1/2" Panel



1" Panel

Utility Doors



OAK650



OAK651



OAK652

1 3/8" Bifold Doors



OAK106

Panel Doors



OAK102



OAK106



OAK108



OAK802



OAK108

WOODGRAIN PRIMED PANEL & FRENCH DOOR COLLECTION



Factory primed, the Woodgrain

Primed Door Collection offers convenience in a variety of panel and French door styles. The primer takes one step out of the finishing process and also protects the door when in transit or storage. To reduce labor when painting, select doors from Woodgrain's Primed Door Collection.

Specifications

Styles:  
20, 82, 630, 625, 627, 620, 626,  
628, 4102, 4103, 4103T, 4107

Thickness:  
1 3/8"

Widths:  
1'0" - 3'0"

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

Stiles:  
2 1/4", 4 5/8"

Rails:  
Top Rail: 4 5/8" (6 5/8" - 7'0" Doors)  
Lock Rail: 7 1/2"  
Intermediate Rail: 4 5/8"  
Bottom Rail: 9" (11" - 7'0" Doors)

ALSO AVAILABLE:  
1 3/8" Bifolds:  
2'0", 2'6", 3'0", 4'0", 5'0", 6'0"

Glass Options



Tempered  
Obscure



Tempered  
Clear

\* Not all sizes are available in all styles

Panel Doors



PRM20



PRM82

Panel Options

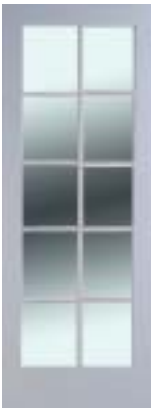


1/4" & 3/8" FP

French Doors



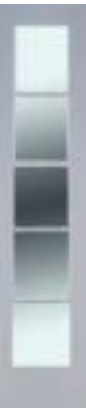
PRM620



PRM625



PRM627



PRM630

Shaker Doors



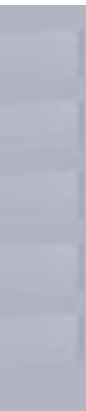
PRM4102



PRM4103T



PRM4103



PRM4107

1 3/8" Bifold Doors



PRM4102



PRM4103T





Millwork provides a finished look to

any door opening. The Woodgrain line of jambs and

mouldings offers a selection of profiles in the knotty

alder wood species to perfectly match interiors with

knotty alder doors.

Specifications

Species

Knotty Alder

Casing

Profile: WM 453 - 1 1/8" x 2 1/4"

Lengths: 7', 8', 9', 10'

Base

Profile: WM 433 - 1 1/8" x 3 1/4"

Lengths: 7', 8', 9', 10'

Stop

Profile: WM 947 - 3/8" x 1 1/4"

WM 887 - 3/8" x 1 1/4"

Lengths: 7', 8', 9', 10'

Flat Jambs

1 1/8" x 4 5/8", 1 1/8" x 4 7/8", 1 1/8" x 6 7/8"

Lengths: 6'8", 8'0"

*Other profiles and species are available*

*upon request through the Millwork*

*Sales Group at 800.452.3801.*

Species



Knotty Alder



ONE YEAR LIMITED WARRANTY

Woodgrain Millwork, Inc. 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 twelve months from the date of shipment provided the handling, installation, and finishing instructions listed below are followed.

Normal characteristics of kiln dried wood include but 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 plan 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 found to be defective by the seller will be repaired, replaced or purchase price will be refunded at the option of Woodgrain Millwork Inc., provided the handling, installation and finishing instructions have been followed.

An extended warranty period is granted solely for seal failure on insulated glass units (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 Woodgrain 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. No agent, employee or representative of seller has any authority to bind Seller to any affirmation, representation or warranty concerning Sellers' 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 one-year period stated herein. The liability of Woodgrain Millwork, Inc., is expressly limited to the replacing or the repairing the defects of the door, or refunding at its option. Woodgrain Millwork, Inc., 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 Millwork, Inc., 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 Millwork® doors are crafted with only the finest materials, you can choose from a wide variety of stain or paint possibilities. Paint dealers have a broad selection of color chips on hand to demonstrate the look you can achieve when finishing Woodgrain Millwork doors.

If you choose paint instead of stain, you can apply either oil-base or latex resin-base paints over an oil-base primer. (Latex/water base primer may contribute to raised grain) However, take care in following the finishing instructions provided. Also, 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 and keep doors clean.
- Store flat on a level surface in a dry, well ventilated building.
- Doors should be conditioned to average prevailing relative humidity of the locality before hanging.
- 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 an effective quality oil-base sealer in order to prevent undue moisture absorption.

Preparation for Finishing

- Before applying the first coat of finish, sand the entire surface with 5/0 sandpaper (180 grit). This is to remove fingerprints, handling marks, any raised grain and will help insure a more uniform finish.
- Adjust or align components if necessary before finishing. Wood panels and other components “float” and may be moved if necessary. Be careful not to damage the door.
- Clean door thoroughly after sanding with a cloth to remove all dust or foreign material. Avoid using compressed air to blow off door as moisture or oil in air will cause spotting. Avoid using caustic or abrasive cleaners.
- Hang door before finishing then remove to finish properly.
- When staining, a wood conditioner may be used to help achieve a more uniform finish. (Be sure to follow 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 the faces 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 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:

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

*Disadvantages:* Subject to ultra-violet degradation and not as flexible or durable as water-borne clear finish.

*Water-Borne Advantages:* Very flexible, greater ultra-violet resistance, and good exterior durability.

*Disadvantages:* 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 measurably better if protected from the direct effects of sunlight and weathering, and refinishing will not be required as frequently.

2. Paint Finish

Either oil-base or latex resin-base exterior grade paints may be used with success on doors. Oil-base paints offer more resistance to the passage of water (liquid and vapor) than latex resin-base paints, but the latter 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. Of course, 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 Millwork 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.

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 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

- 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 3/16" (1 13/16" maximum from top, 1 1/2" 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.
- 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.
- To minimize heat loss and save energy, use weather stripping.

Maintenance

Your Woodgrain Millwork door has been handcrafted to last for years to come. But, like any fine piece of furniture, its finish will require some simple, 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’s included with every Woodgrain door.

Here are some signs to watch for. They indicate that it’s time for some simple, easy-to-perform 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’ll want to examine your door’s finish often. Depending on the conditions, you may also need to refinish the door more frequently.

