



 *Masonite*<sup>®</sup>



# Masonite®

FLUSH DOOR SERIES

## PREFINISHED HARDBOARD

STAR LUMBER STOCKS THE FOLLOWING:

### Flush Veneer



Oak      Luan/Dkoume      Birch

### Prefinished Embossed Hardboard



Beauport® Mission Oak



Versatile Construction Options: Hollow, particleboard, wood stave or fire cores. Matching bifolds available.

### Flush Veneer



Ash      Maple

### Smooth Hardboard



Primed  
Hardwood

### Prefinished Embossed Hardboard



Golden Oak      Tru Oak      Mendocino Oak      Chesapeake      Walnut      Sienna

SPECIAL  
ORDER

### Core Options



#### Hollow Core

Hollow core doors are used where light to medium duty requirements are needed or where lightness of weight is a factor, as in normal residential and office applications. No fire rating is available.



#### Wood Stave Core

For high use areas where durability is required - as in industrial, commercial and institutional applications. Wood stave cores provide superior vertical stability, screw-holding strength and easy machining for commercial hardware applications. They are available in 1-3/8" or 1-3/4" thickness and with 20-minute fire ratings (1-3/4" only).



#### Particleboard Core

The stability and durability of particleboard core doors makes them outstanding for general applications. They are available in 1-3/8" or 1-3/4" thickness and a 20-minute fire rating is available in 1-3/4" only.



#### Fire Core

Mineral core fire doors are available in three ratings: 45-minute, 60-minute and 90-minute — for applications requiring a flush wood door rated to meet specific code requirements (available in 1-3/4" only).



# Miami™

## LOUVER DOORS

The Miami™ louver door ventilates closets and enhances fresh air flow between rooms. The Miami door is a beautiful accent to any room.

STAR  
STOCK

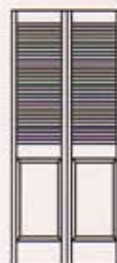


Full Louver

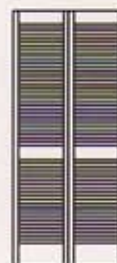
SPECIAL  
ORDER  
OPTIONS



Louver  
Over Panel



Louver Over  
Panel Bifold



Louver  
Bifold



### STAR LUMBER STOCKS THE FOLLOWING:

Textured & Smooth



Six Panel

Textured



Two Panel Arch Top

Textured & Smooth



Six Panel Bifold

Textured



Two Panel Arch Top Bifold

Satisfy demand for quiet homes with Safe 'N Sound® Solid-Core doors. Made with the revolutionary, patented **PREMCOR** door core, Safe 'N Sound doors are superior to standard hollow-core flush doors in both noise reduction and fire safety. The complete line of Molded Panel Doors from Masonite are available as Safe 'N Sound. These doors deliver beauty and durability at an affordable price. Choose Safe 'N Sound Solid-Core doors for solid wood door value without the solid wood door cost.

#### Heft and Feel of Solid Wood

Get the extra weight and hefty feel of a solid wood door with PREMCOR door core. This variable density wood fiber core gives Masonite Molded Panel Doors added dimensional stability and provides complete support for multiple-panel designs.

#### Easy Installation

PREMCOR is lighter than conventional particleboard core allowing for easier handling, installation and less hinge and jamb wear.

#### Reduces Sound Transmission

Safe 'N Sound® significantly reduces sound transmission versus a standard hollow-core flush door. Note: 1-3/8" inoperable doors tested per ASTM E90-97 and E413-87

#### Beauty of Wood

Primer smooth or textured wood-grain surface provides the look and feel of a solid wood panel door.

#### Increased Fire Resistance\*

\*Although not fire rated, independent testing (detailed below) confirms that an 1-3/8" door made with PREMCOR and Masonite door facings is more fire resistant than typical flush (Lauan) or molded wood fiber hollow-core doors.

\*INDEPENDENT TESTING - A flush Lauan hollow-core door, a molded wood fiber hollow-core door, and a solid-core door manufactured with Masonite door facings and PREMCOR™ door core (all three doors 1-3/8" thick) were fire tested by an accredited independent testing agency. None of the three door assemblies passed the UBC Standard 7-2 (1994) "Fire Test of Door Assemblies," NFPA 252 (1999), and UL 108 (1997) for the 20-minute fire endurance test; however, the following burn-through times were achieved. The solid-core door manufactured with 1-1/8" PREMCOR™ door core and Masonite Door Facings achieved a 14-minute, 30-second burn-through time. The hollow-core door made with Masonite Door Facings achieved a 5-minute, 10-second burn-through time. The hollow-core door made with flush Lauan facings achieved a 4-minute, 30-second burn-through time. This 1-3/8" door test represents a vertical fire test conducted with typical residential construction by an accredited independent testing agency. This result does not represent or imply any fire rating associated with a 1-3/8" door manufactured with PREMCOR™ door core. The test was typical residential construction of 2x4 wood studs with drywall applied on both sides. The door frame consisted of 4-9/16" wood flat jambs, applied stop and 2-1/4" wood casing.



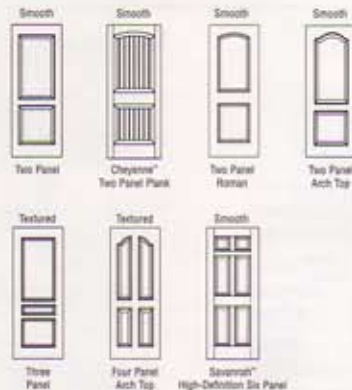
### SPECIAL ORDER OPTIONS BIFOLDS AVAILABLE IN ALL STYLES



Cheyenne™  
Two Panel Plank Smooth



Savannah™  
High-Definition Six Panel Smooth



### Design Options:

### MOLDED PANEL SERIES

	1'0"	1'2"	1'3"	1'4"	1'6"	1'8"	2'0"	2'2"	2'4"	2'6"	2'8"	2'10"	3'0"	3'6"	1'6"	2'0"	2'4"	2'6"	2'8"	3'0"	4'0"	5'0"	6'0"	
	PASSAGE														BIFOLDS									
Smooth 6'8"																								
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"																								
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>TWO PANEL ROMAN SMOOTH</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>TWO PANEL</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>THREE PANEL</b>																								
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>FOUR PANEL ARCH TOP</b>																								
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>FOUR PANEL</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SIX PANEL</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SIX PANEL PRE-FINISHED</b>																								
Finished White 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Golden Oak 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sienna Oak 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Amber Oak 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Honey Oak 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SIX PANEL COMMERCIAL</b>																								
Smooth 6'8"																								
Smooth 7'0"																								
<b>CHEYENNE™</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SAVANNAH™</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Textured refers to embossed wood-grain. All pre-finished designs are available textured only. Pre-finished colors may vary in actuality to printed material. All designs and sizes are available as hollow-core (EXCEPT: Two Panel Arch Top Smooth 8'0", Two Panel Roman Smooth 8'0", Two Panel Smooth 8'0" and Four Panel Smooth 8'0"). These designs are only available in solid-core (passage & bifolds). Not all molded panel & pre-finished designs and sizes are available in all regions as stock products. Please check for special order availability.



### STAR LUMBER STOCKS THE FOLLOWING:

Textured & Smooth



Six Panel

Textured



Two Panel Arch Top

Textured & Smooth



Six Panel Bifold

Textured



Two Panel Arch Top Bifold



### SPECIAL ORDER OPTIONS BIFOLDS AVAILABLE IN ALL STYLES



Cheyenne<sup>™</sup>  
Two Panel Plank Smooth



Savannah<sup>™</sup>  
High-Definition Six Panel Smooth



### Design Options:

### MOLDED PANEL SERIES

	1'0"	1'2"	1'3"	1'4"	1'6"	1'8"	2'0"	2'2"	2'4"	2'6"	2'8"	2'10"	3'0"	3'8"	1'6"	2'0"	2'4"	2'6"	2'8"	3'0"	4'0"	5'0"	6'0"	
	PASSAGE														BIFOLDS									
Smooth 6'8"																								
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"																								
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>TWO PANEL ROMAN SMOOTH</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>TWO PANEL</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>THREE PANEL</b>																								
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>FOUR PANEL ARCH TOP</b>																								
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>FOUR PANEL</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SIX PANEL</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Textured 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SIX PANEL PRE-FINISHED</b>																								
Finished White 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Golden Oak 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sienna Oak 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Amber Oak 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Honey Oak 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SIX PANEL COMMERCIAL</b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 7'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CHEYENNE<sup>™</sup></b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SAVANNAH<sup>™</sup></b>																								
Smooth 6'8"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Smooth 8'0"	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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- Combining authentic stile and rail craftsmanship with MDF technology
- Shaker sticking and raised moulding options
- Engineered stiles with wood core for excellent screw holding and machining properties
- Unique panel designs to enhance any home décor
- More stable than solid wood
- Exceptionally smooth surface, ideal for painting and decorating

## Making lasting impressions on home décor.

Experience the tradition of stile and rail construction, with the added advantage of MDF.

Try the Crown™ MDF Door Collection from Masonite and experience an exceptional door. Crown™ MDF Doors combine the very best of authentic stile and rail craftsmanship with MDF (Medium Density Fiberboard) technology. With so many styles to choose from, the Crown MDF Door Collection makes it easy to give your homes, or projects, a mark of distinction.

### Features & Sizes

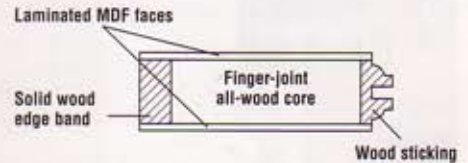
**Materials:** Medium Density Fiberboard (MDF), engineered stiles have wood core

**Stiles:** Engineered stiles, laminated construction, MDF faces, solid wood edge band, finger-joint wood core, wood sticking

**Rails:** MDF, matches stile surface in smoothness and paintability

**Panels:** Solid MDF, ultra-smooth painting surface

**Construction:** Authentic stile and rail, doweled construction for superior strength and stability

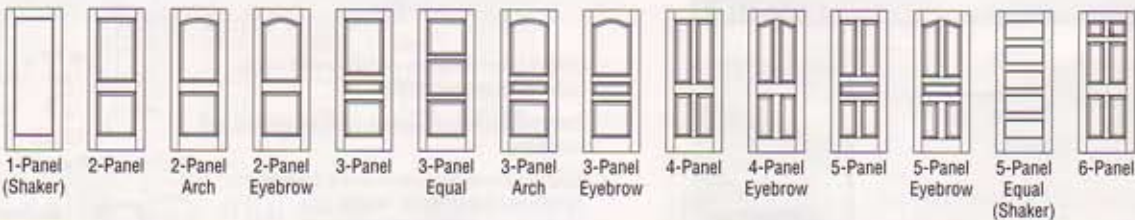


SPECIAL  
ORDER  
OPTIONS

LIMITED  
**1**  
YEAR  
WARRANTY

### Specifications

#### CROWN™ MDF DOOR SERIES



6'8", 7'0", 8'0" Heights														
Top Rail	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"	4-1/16"
Cross Rail	—	—	—	—	3-3/4"	3-3/4"	3-3/4"	3-3/4"	—	—	3-3/4"	3-3/4"	3-3/4"	3-3/4"
Lock Rail	—	6-5/8"	6-5/8"	6-5/8"	—	—	—	—	6-5/8"	6-5/8"	—	—	—	6-5/8"
Bottom Rail	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"	7-15/16"
Stiles: Passage 1'0"-1'4"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"
Stiles: Passage 1'6"-3'0"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"	4-3/16"
Stiles: Bifold	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"
Panel	*5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH	*5/16" Flat, 3/4" SH, 3/4" DH	5/16" Flat, 3/4" SH, 3/4" DH
Sticking	Ovolo, *Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	*Ovolo, Shaker	Ovolo, *Shaker	*Ovolo, Shaker

- Standard specification
- Wide (5-3/16") stiles standard on doors with raised moulding

- SH = Single-hip raised panel
- DH = Double-hip raised panel
- Raised moulding option only available on square panel designs

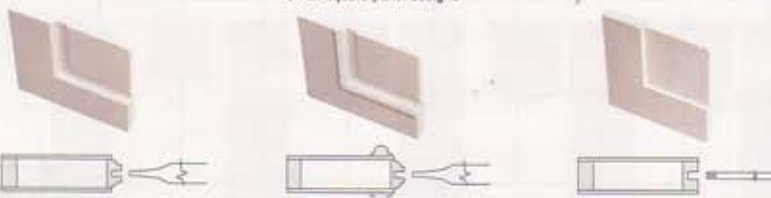
• Note: 4-, 5-, 6-panel designs are one panel wide on 1'0" - 1'10" doors

### Sticking & Panels

- Standard:**
1. Ovolo sticking with 3/4" single-hip or double-hip raised panels

- Raised moulding option:**
2. Ovolo sticking with raised moulding, 3/4" double hip raised panel - available on all square panel designs

- Shaker option:**
3. Shaker style, 5/16" flat panel - available on all panel designs



### Sizes

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

**Passage Door Widths:**

1'0", 1'2", 1'3", 1'4", 1'6", 1'8", 1'10", 2'0", 2'2", 2'4", 2'6", 2'8", 2'10", 3'0"  
Note: 4, 5, and 6-panel designs are one panel wide on 1'0" - 1'10" doors

**Bifold Door Widths:**

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

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

## Door Care

- Doors must be stored flat and fully protected against humidity. When doors are moved, they must be lifted, eliminating any sliding of one door on another.
- In order not to change the door's balance, a maximum of 1/2" may be removed on its width (1/4" on each side). Any modification to the door's height must not exceed 1" and should be removed from the bottom rail only.
- When the door is hung, a good quality sealant must be applied immediately to minimize humidity absorption. Special attention must be given to finishing all six sides of the door, including the top and bottom of the door. Doors must be finished on all sides to have a valid warranty.

## Door Finishing

### HOW TO STAIN AND TOP-COAT WOOD DOORS

The field finishing of wood doors can be accomplished by several methods, using a variety of materials. First assemble all the materials needed for your door finishing project. You will need drop cloths, paper towels, wood filler, scraper, putty knives, sandpaper, sanding block, single ply lint free 100% cotton cloths (clean and dry), tack cloths, stir sticks and good quality China bristle brushes or applicators.

The full beauty of wood is best emphasized by use of a quality, satin or semi-gloss sealer after the door has been stained.

Your work area should be clean, dust free (avoid carpeted areas unless you cover the entire carpet with plastic), well ventilated and out of direct sunlight.

#### HOW TO START

When selecting tools for the job, remember that higher quality tools yield higher quality results. China bristle brushes work best. Rags for wiping should be 100% cotton, single ply lint free.

Results achieved may not precisely match the stain color charts. Also, the stained door may not match exactly the stained wood trim around the door. Test first in order to determine the color and match. Tinting or thinning of the stain may be required to achieve the desired results.

- 1) **MATERIALS REQUIRED:** A high quality oil-, gel- or water-based stain. Be sure to use exterior grade materials if you have an exterior door application.
  - 3"-4" China Bristle Brush • 1" China Bristle Brush • 220-440 Grit Sandpaper and Sanding Block • 100% Cotton, Lint-Free Wiping Cloth • Tack cloth
- 2) **PREPARATION & APPLICATION:** Doors should be conditioned to the average relative humidity where they will be installed by allowing them to be stored flat for at least two days. Avoid finishing immediately after a rain or damp weather and during periods of higher than average humidity. In very dry conditions the door should be finished right after the wrapping is removed.
- 3) The more care taken in preparing the surface before the stain is applied the better the results. Remove all hardware and fill any nail holes and blemishes with wood filler. These fillers MUST NOT contain stearates or waxes and should be stainable or color matched to the wood stain. If you are finishing a French door that has muntin bars (wood dividers) it is not necessary to mask the glass lites, since each one is protected with a plastic film.
- 4) Remove handling marks by sanding lightly with 220 or 440 grit sandpaper before applying finish. Surface should be clean and dry, free of all dirt, grease, glue stains, sanding residue and machine marks. Sand again lightly between coats.
- 5) Wipe down with a tack cloth to insure a dust free finish.
- 6) Apply liquid stains with either a 3"-4" brush or lint free cotton wiping cloth. For gel stains use a lint free cloth. When wiping stiles and rails, use long strokes to prevent stain from pooling where the horizontal rails and the vertical stiles meet. For liquid stains or for gels, apply and wipe the stain over one area at a time. For Wood Panel Doors start with the door panels, then the mullion, then stain the (horizontal) rails, then the (vertical) door stiles. For a French Door start with the muntin bars (grille) and then proceed to the rails and then stiles. For a Wood Louver Door start with the louvers, then rails, and then proceed to the stiles. We recommend finishing with the door laying horizontal on a bench or workhorses for best results. For Wood Veneer Flush Doors finish in the direction of the grain. Remove any excess stain from the corners of the panels or lite grilles by feathering with a dry 1" brush.
- 7) Stain all four edges last (top, bottom, left and right.)
- 8) With some stains, a second coat will yield a deeper color. Make sure the first coat is completely dry before applying a second. Consult the stain manufacturer's directions for drying times.
- 9) Allow door to dry completely for 24 hours and then apply a high quality UV resistant top-coat to all six sides. For best results, follow the recommendations provided by the top-coat manufacturer. The entire door (all 6 sides) must be completely sealed to eliminate moisture absorption and to maintain the Masonite warranty.
- 10) After finishing is completed reinstall all hardware. For French Doors with wood dividers use a sharp blade or utility knife to cut away the protective plastic film leaving clean edges around the lites.

### HOW TO PAINT WOOD DOORS

The field finishing of wood doors can be accomplished by several methods, using a variety of materials. First assemble all the materials needed for your door finishing project. You will need drop cloths, paper towels, wood filler, scraper, putty knives, sandpaper, sanding block, tack cloths, stir sticks and good quality china bristle brushes or applicators.

Your work area should be clean, dust free (avoid carpeted areas unless you cover the entire carpet with plastic), well ventilated and out of direct sunlight.

#### HOW TO START

When selecting tools for the job, remember that higher quality tools yield higher quality results. China bristle brushes work best.

- 1) **MATERIALS REQUIRED:** A high quality semi-gloss paint recommended.
  - 3"-4" Nylon Bristle Brush • 1" Nylon Bristle Brush • 220-440 Grit Sandpaper and Sanding Block • Tack cloth
- 2) **PREPARATION & APPLICATION:** Doors should be conditioned to the average relative humidity where they will be installed by allowing them to be stored flat for at least two days. Avoid finishing immediately after a rain or damp weather and during periods of higher than average humidity. In very dry conditions the door should be finished right after the wrapping is removed.
- 3) The more care taken in preparing the surface before the paint is applied the better the results. Remove all hardware and fill any nail holes and blemishes with wood filler. If you are finishing a French door that has muntin bars (wood dividers) it is not necessary to mask the glass lites, since each one is protected with a plastic film.
- 4) Remove handling marks by sanding lightly with 220 or 440 grit sandpaper before applying finish. Surface should be clean and dry, free of all dirt, grease, glue stains and machine marks. Sand again lightly between coats.
- 5) Wipe down with a tack cloth to insure a dust free finish.
- 6) For best results paint in the following order: For Wood Panel Doors start with the door panels, then the mullion, then paint the (horizontal) rails, then the (vertical) door stiles. For a French Door start with the muntin bars (grille) and then proceed to the rails and then stiles. For Wood Louver Door start with the louvers, then rails and then proceed to the stiles. We recommend finishing with the door laying horizontal on workhorses for best results. Spraying is recommended for uniform results. Remove any excess paint from the corners of the panels or lite grilles by feathering with a dry 1" brush.
- 7) When painting stiles and rails, use long strokes to prevent paint from pooling where the horizontal rails and the vertical stiles meet. Paint the four edges last (top, bottom, left and right).
- 8) Allow the paint to dry thoroughly before applying a second coat. Consult the paint manufacturer's directions for drying times.
- 9) The entire door (all 6 sides) must be completely sealed to eliminate moisture absorption and to maintain the Masonite warranty.
- 10) After finishing is completed reinstall all hardware. For French Doors with wood dividers use a sharp blade or utility knife to cut away the protective plastic film leaving clean edges around the lites.

### HOW TO STAIN MOLDED PANEL DOORS

Note: Smooth-faced doors should only be painted. Staining works best for textured surfaces.

The field finishing of Masonite Molded Panel Door facings can be accomplished by several methods, using a variety of materials. The following directions are similar to an antiquing process which will produce the appearance of a stained wood door. These techniques, however, are quite different from staining a wood door; therefore, it is recommended that you practice first before attempting to finish a large number of doors. Allow enough time...don't rush the technique or try to cut corners or time.

To achieve a stained look, use a heavy bodied or pigmented stain. Oil-based liquid, oil-based gel and water-based liquid stains all work well. Transparent or semi-transparent stains do not provide adequate color coverage and should not be used.

When selecting tools for the job, remember that higher quality tools yield higher quality results. China bristle brushes will work best. Rags for wiping should be 100% cotton, single ply, and lint free.

Results achieved may not precisely match the stain color charts. Also, the stained door may or may not match exactly to the stained wood trim around the door. Test first in order to determine the color and match. Tinting or thinning of the stain may be required to achieve desired results.

Minor imperfections such as small scratches can be touched up using a white pigmented shellac primer. If there are large imperfections, do not attempt this staining technique - replace the door.

#### MATERIALS REQUIRED:

- 1) Gather your materials. You will need: • A high quality name stain • 1" China Bristle Brush • Denatured Alcohol • 3"-4" Nylon Bristle Brush • 100% Cotton, Lint-Free Wiping Cloth
- 2) In preparation of staining: • Remove Hardware • Inspect surface for scuffs, glue, etc. • Touch up where necessary
- 3) Make sure door is clean and dry. Moisten cloth with alcohol and wipe entire door surface to remove dust. NOTE: Because the results of staining are dependent on type of stain, application technique, individual preference, experience, and humidity conditions, we advise you to practice on the inside of a closet door.
- 4) Liquid stains may be applied using either the 3"-4" brush or cotton wiping cloth. For gel stains use a cotton wiping cloth.
- 5) Gel stains can be applied in 2 ways. Dab gel over surface and wipe evenly over entire door or follow the liquid application method described next.
- 6) For liquid stains or for gels, apply and wipe the stain over one area at a time. Start with the door panels, then cover the horizontal rails, then the vertical door stiles.
- 7) Remove any excess stain from the corners of the panel areas by feathering with a dry 1" brush. Stain outer door edges.
- 8) When wiping stiles and rails, use long strokes to prevent stain from pooling where the horizontal rails and vertical stiles meet.
- 9) With some stains, a second coat will yield deeper color. Make sure the first coat is completely dry before applying a second coat. Consult manufacturer's directions for drying times.
- 10) Allow door to dry completely for 24 hours, then apply a clear, protective top-coat. For best results, follow top-coat recommendations provided by stain manufacturer. NOTE: All 6 sides (top and bottom rails, outside edges, and molded panel faces) must be completely sealed to eliminate moisture absorption and to maintain the Masonite warranty.

### HOW TO PAINT MOLDED PANEL DOORS

An added benefit of all Molded Panel Doors from Masonite is that they are factory-primed, ready for you to simply add a beautiful finish. A high quality semi-gloss paint is recommended.

- 1) Before painting, make sure the doors are clean and dry. Any handling marks should be removed with a fine grade sandpaper and dusted off with a soft brush or rag.
- 2) Next, paint the edges (top, bottom & sides) of the door and touch-prime any areas where the surface primer may have minor damage.
- 3) When the touch up is fully dry, apply two coats of good quality paint, lightly sanding between each coat. Follow paint manufacturers' recommendations. Semi-gloss paints are recommended.
- 4) Allow paint to dry completely, then apply a quality sealing topcoat to all 6 sides (top and bottom rails, outside edges, and molded panel faces) to eliminate moisture absorption and to maintain the Masonite warranty.

## Warranty

Masonite interior doors are manufactured in controlled conditions using only top-quality products. The doors are warranted for one year against any defects which would prevent normal utilization. The doors must be carefully cared for and the guarantee will only be valid if the "Door Care" conditions are met. Other warranty terms and conditions may apply. Please contact Masonite to obtain a copy of the limited warranty.



# Masonite®

WOOD PANEL SERIES

# Masonite®

FRENCH DOOR SERIES

## STAR LUMBER STOCKS THE FOLLOWING:



Clear Pine  
15-Lite



Six Panel  
Radiata



Oak  
15-Lite

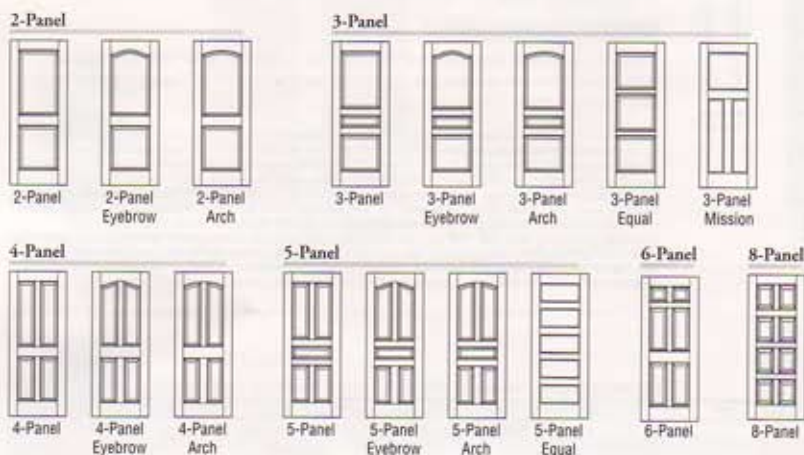


Six Panel  
Oak

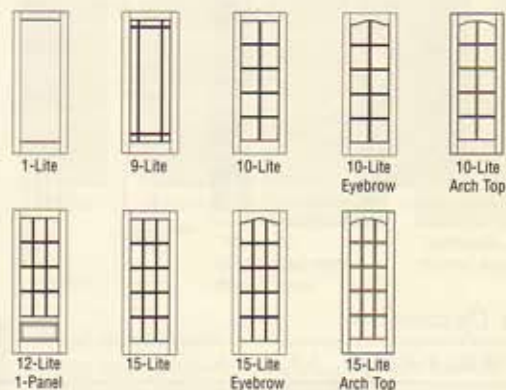
### SPECIAL ORDER OPTIONS

### Configurations:

#### Wood Panel Series:



#### French Door Series:



### Glass Wrap

Masonite's unique Glass Wrap feature on its French doors with wood muntin bar dividers makes finishing a snap. Glass Wrap means each pane of glass is enclosed in shrink-wrapped plastic, making staining, sealing or painting of the door much simpler and cleaner. After finishing, simply use a sharp blade or knife to cut away the plastic wrap, leaving you with clean edges around all lites.

### Standard Glass Options



- 9-Lite (Center Bevel)
- 10-Lite
- 12-Lite
- 15-Lite
- All lite configurations
- 9-Lite
- 10-Lite
- 15-Lite
- 1-Lite
- 10-Lite
- 12-Lite
- 15-Lite

NOTE: U.S. specifications require tempered glass. Please consult your Masonite Dealer for other glass options. Internal Mini Blind only available in the following widths: 2'0", 2'6", 2'8", 3'0"

### Wood Specie Options



### Panel/Sticking Options

#### Standard options:

Ovolo sticking with 3/4" single-hip or double-hip raised panels. ovolo sticking is 3/8", available on all panel designs

#### Shaker option:



Single-hip raised panel



Double-hip raised panel



Shaker flat panel



# PALAZZO™ SERIES

Presenting the new Palazzo™ Series Collection...  
transforming interiors with exceptional definition and elegance.



- Distinct raised moulding combined with unique, high-definition panel profiles
- Exceptionally smooth surface, ideal for painting and decorating
- Palazzo features Masonite's unique Engineered Component Construction. Several core reinforcements\* are strategically positioned throughout the door in the stiles, rails and panels to maximize performance. Palazzo was designed to have the weight\*, feel and richness of stile & rail wood doors, with all of the performance benefits of a composite wood product.
- Two architectural designs available in both 1-3/8" and 1-3/4" doors
- Also available with a 20-minute fire rating (1-3/4" doors only)
- United States Patent #6,588,162, other patents pending

**Note:** \*Core reinforcements are made from composite wood substrates. •Weight comparison is based on matching or exceeding the weight of a domestic pine, stile & rail, two-panel wood door.

LIMITED  
**5**  
YEAR  
WARRANTY



**Bellagio®**  
Two Arched Panels

SPECIAL  
ORDER



**Capri™**  
Two Square Panels

SPECIAL  
ORDER

## Masonite® Palazzo™ Design & Size Options

PASSAGE DOORS		All passage doors available in 6'8", 7'0", and 8'0" heights													
	1'0"	1'2"	1'3"	1'4"	1'6"	1'8"	1'10"	2'0"	2'2"	2'4"	2'6"	2'8"	2'10"	3'0"	
<b>Bellagio®</b> Two Arched Panels	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>Capri™</b> Two Square Panels	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
BIFOLD DOORS		All bifold doors available in 6'8" and 8'0" heights													
	2'0"	2'6"	3'0"	4'0"	5'0"	6'0"									
<b>Bellagio®</b> Two Arched Panels	•	•	•	•	•	•									
<b>Capri™</b> Two Square Panels	•	•	•	•	•	•									

\*Shipped as two 2-door units





*Masonite. The Beautiful Door.®*

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