



 **ALGOMA**[™]
HARDWOODS
MDF DOORS

EXPERIENCE TRUE DESIGN FREEDOM

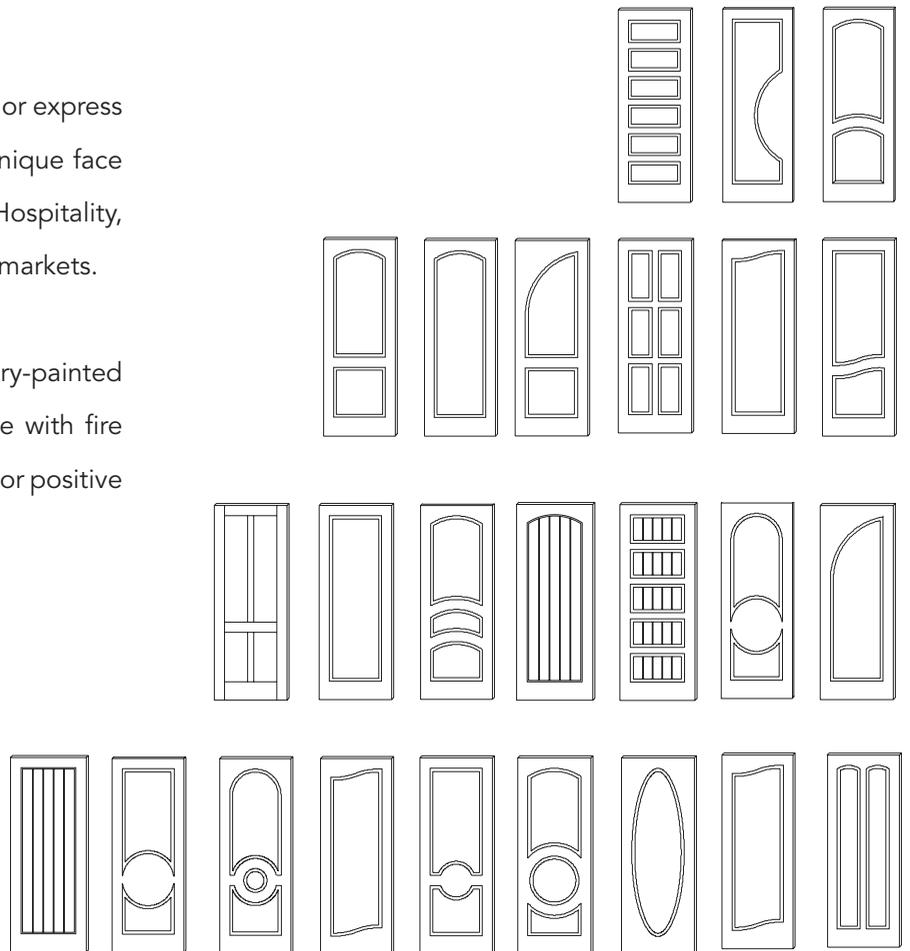
A distinct yet affordable option to reflect your unique expression is available with our MDF solid composite doors. Creating the illusion of stile and rail construction, it's manufactured with the strength and stability of one-piece solid panel construction and provides a blank canvas ready to be manufactured to your distinctive design and project requirements.

We have hundreds of designs to choose from or express your own creativity by designing your own unique face design. MDF doors are a perfect fit for the Hospitality, Health Care (Assisted-Living) or Multi-Family markets.

Doors are primed and ready to paint or factory-painted to the color of your choice and are available with fire ratings from 20 through 90 minutes, in neutral or positive pressure construction.



MDF DOORS



Use the [Market Star Rating](#) to review the recommendations for individual Market Segments.

	★★		★	★★★ Highly Recommended ★★ Recommended ★ Applicable
	★★★★		★★★★	
	★		★★★★	
	★★			

ALL ABOUT MDF

Medium-density fiberboard is a wood product engineered from hard or softwood fibers combined with water-resistant binding materials that are then subjected to extreme temperature and pressure to form durable, solid panels.

MDF construction results in a strong and dense material, with a smooth consistent appearance.

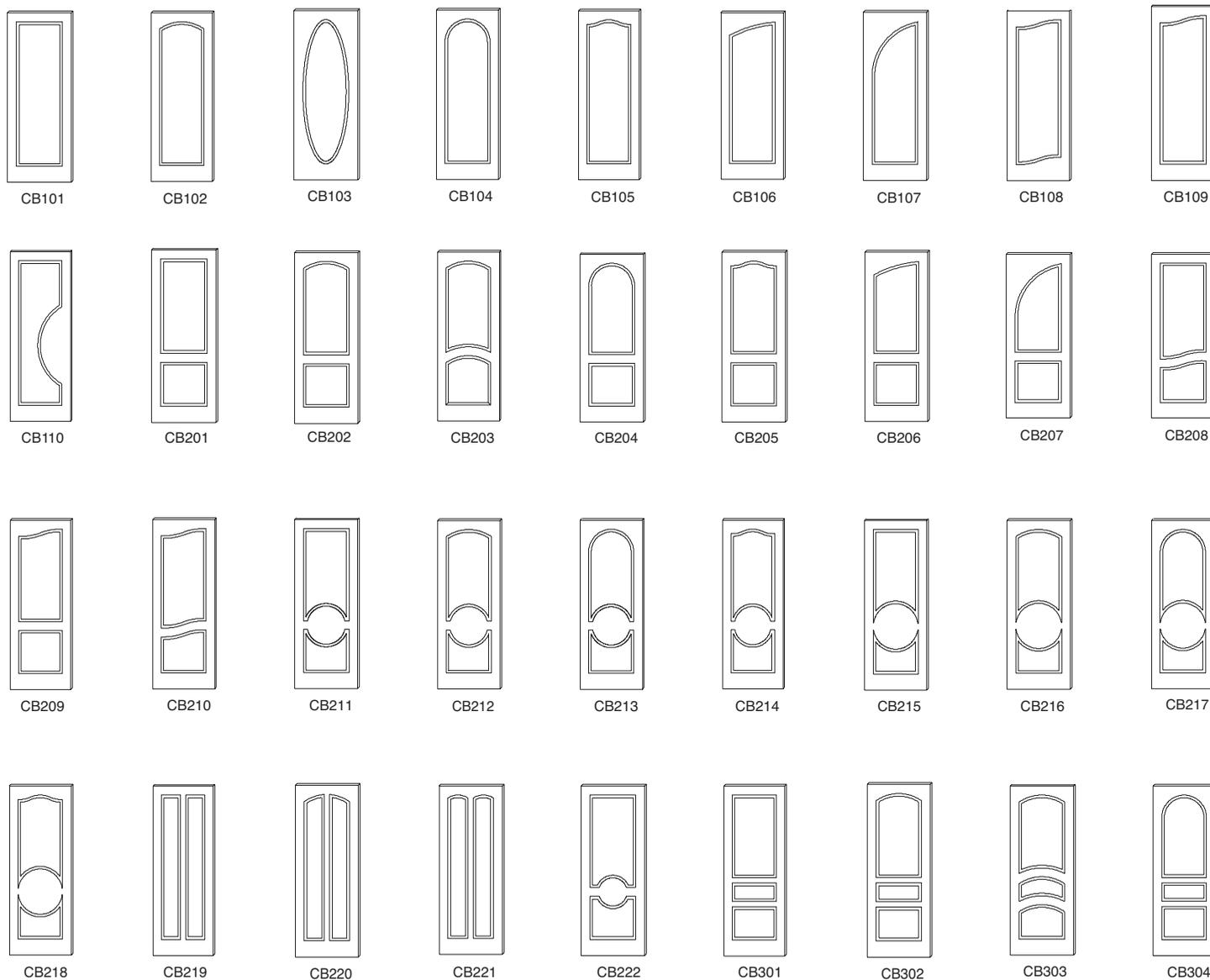


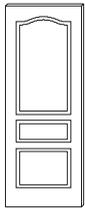
What's Your Design?

With MDF doors you have the ability to mimic the design of a traditional raised panel door, the clean lines of a flat panel or create a custom look all your own. Our sophisticated computer aided design ensures your exact details can be achieved consistently from door to door. Be inspired to create the door to complement your project's interior - from traditional and stately to sleek and modern.

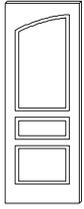
SIMULATED RAISED PANEL (CB)

Evolve the traditional style of raised panel doors with architecturally correct square corners or historic arches in a solid panel construction. Or, for modern touch, incorporate circles into your design.

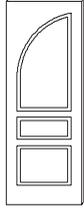




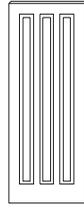
CB305



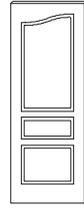
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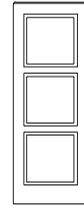
CB307



CB308



CB309



CB310



CB311



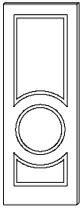
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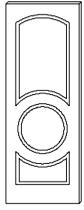
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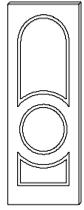
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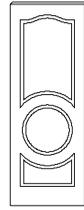
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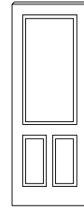
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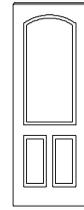
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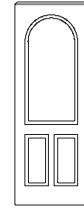
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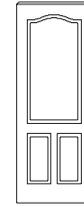
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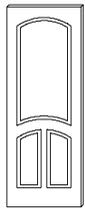
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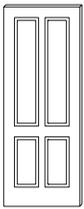
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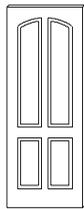
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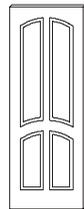
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CB401



CB402



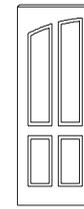
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CB404



CB405



CB406



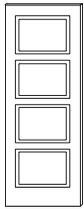
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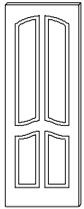
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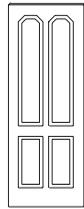
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CB410



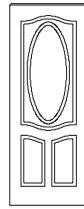
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CB412



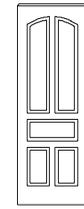
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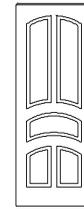
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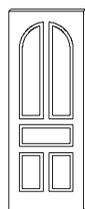
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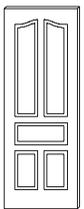
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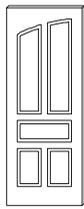
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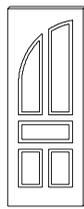
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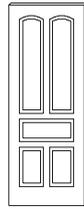
CB505



CB506



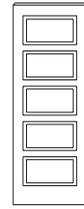
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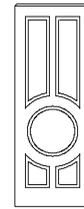
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CB509



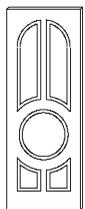
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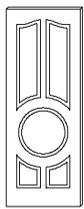
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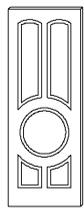
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CB513



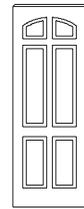
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CB515



CB601



CB602



CB603



CB604

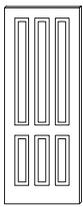


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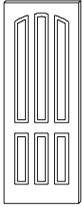


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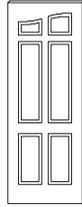
SIMULATED RAISED PANEL (CB) (cont.)



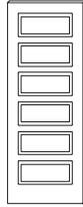
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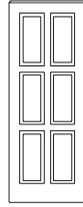
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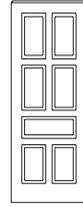
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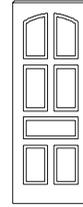
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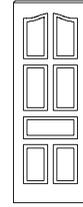
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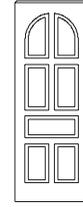
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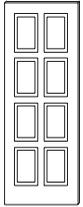
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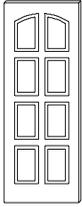
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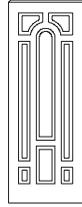
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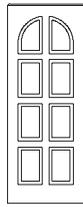
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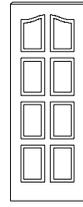
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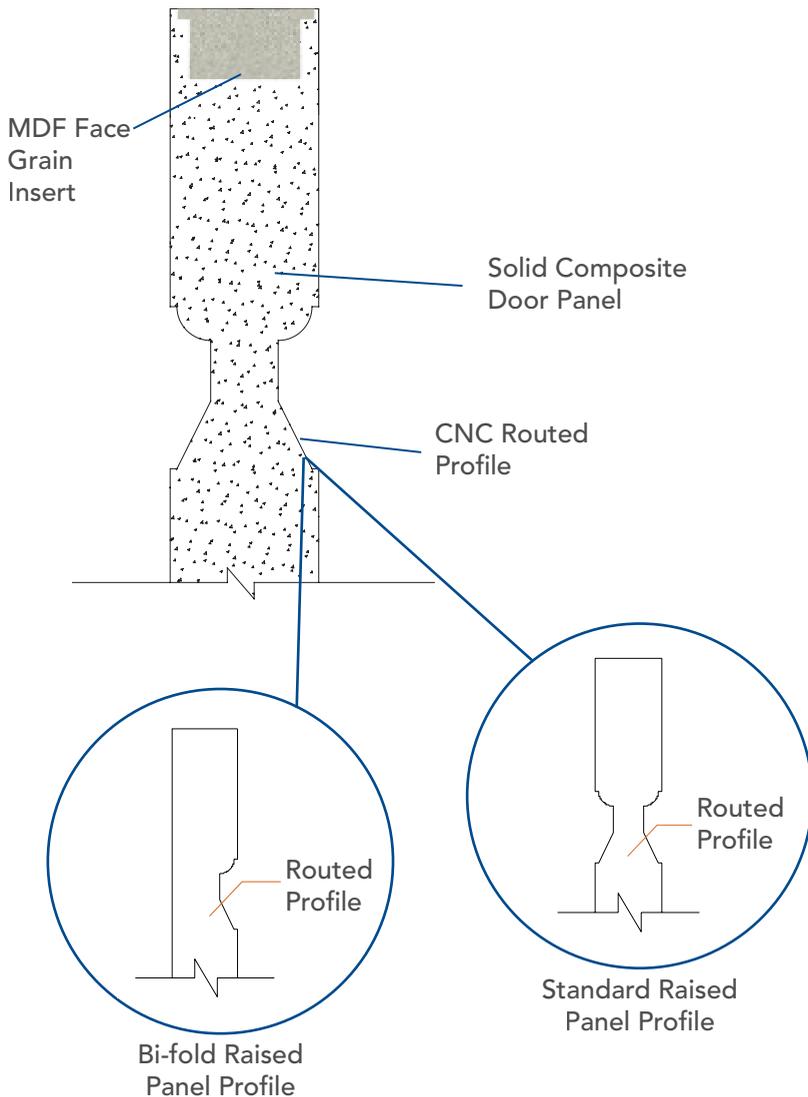


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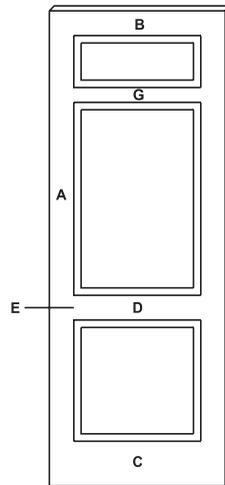


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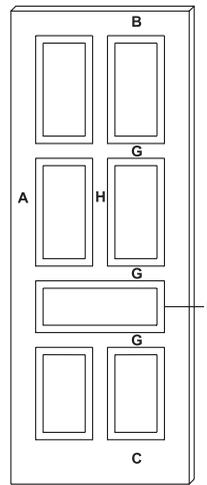
STANDARD CONFIGURATIONS



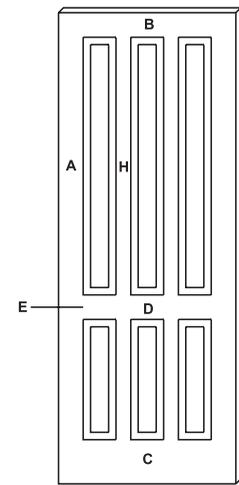
SIMULATED RAISED PANEL (CB)



1-Panel Wide



2-Panel Wide



3-Panel Wide

Stile Width "A"

Door Widths 1-0
 Door Widths 1-2
 Door Widths 1-4 thru 1-10
 Door Widths 2-0 thru 2-4
 Door Widths 2-6 thru 4-0

2"
 3"
 4"
 5"
 5"

N/A
 N/A
 N/A
 4"
 5"

N/A
 N/A
 N/A
 4"
 5"

Top Rail Width "B"

5"

5"

5"

Bottom Rail Width "C" *

9" *

9" *

9" *

Lock Rail Width "D"

5"

5"

5"

Lock Rail Center Line "E"

Styles - 201 thru 210, 222, 319 thru 323, 401 thru 412, 601 thru 609

40"

40"

40"

Lock Panel Center Line "F"

Styles - 301 thru 309, 501 thru 509, 701 thru 704

40"

40"

40"

Intermediate Rail Width "G"

Styles - 301 thru 310, 410, 501 thru 510, 601 thru 606, 609 thru 611, 701 thru 704, 801 thru 805

3"

3"

3"

Mullion Width "H"

Standard Door Widths 2-0 thru 2-4
 Standard Door Widths 2-6 thru 4-0
 Pocket Doors "All"

N/A
 N/A
 N/A

2"
 3"
 3"

2"
 3"
 3"

Available Sizes

Maximum Size
 1 3/8 and 1 3/4 Thickness
 Minimum Size

4-0 x 10-0
 1-0 x 5-0

4-0 x 10-0
 1-0 x 5-0

4-0 x 10-0
 1-0 x 5-0

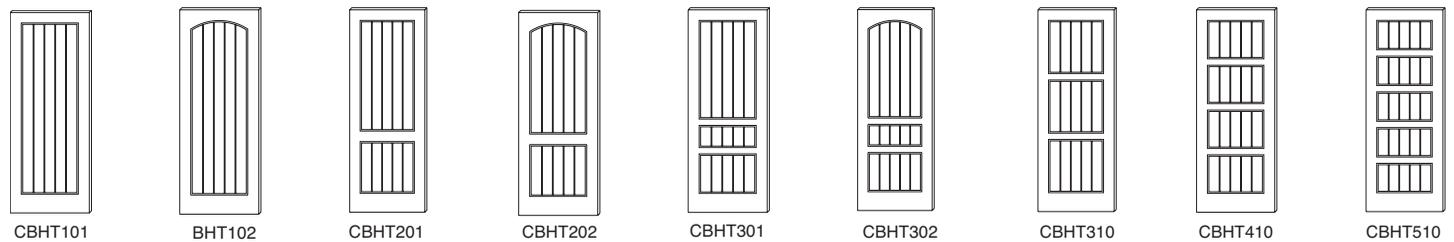
*10" Bottom Rail is available, upon request to meet ADA Requirements.

Notes

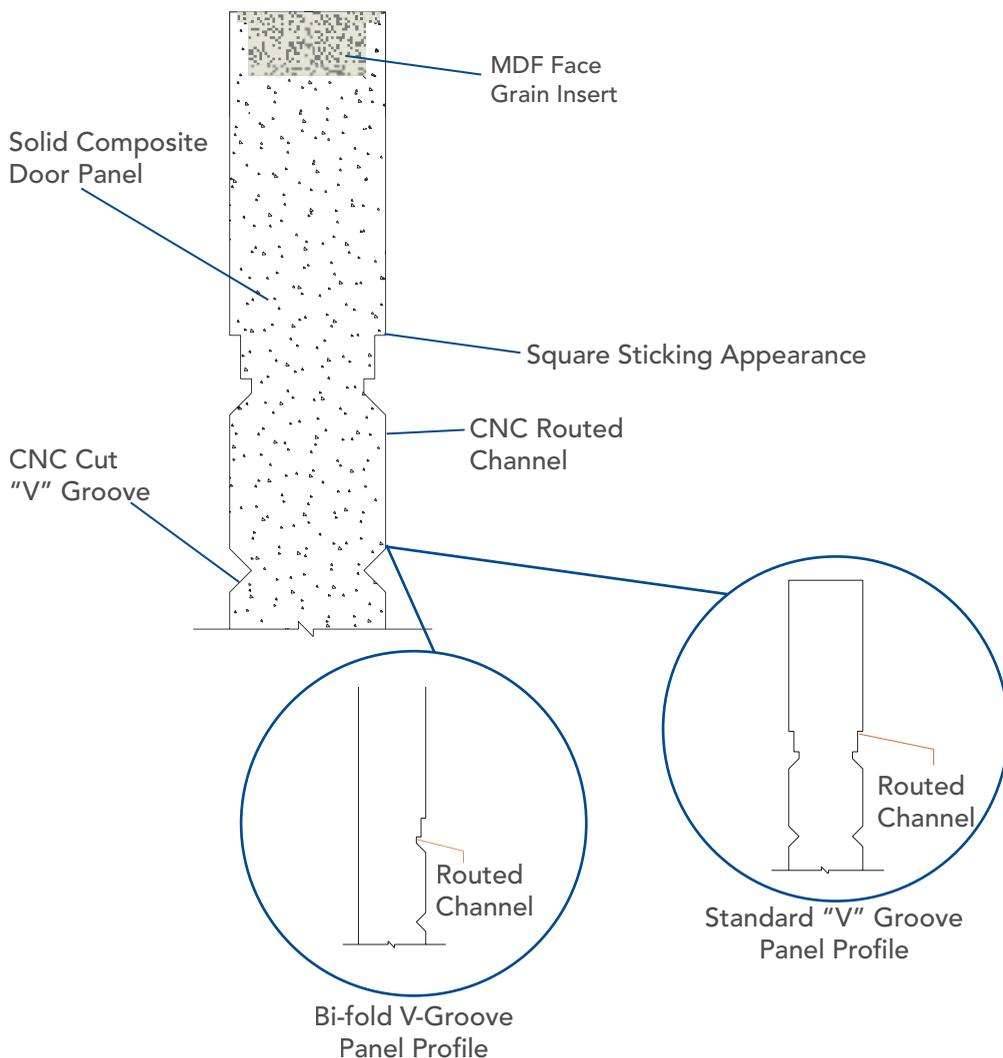
1. All components measurements are "Net" from outside of rout to outside of rout, or outside of rout to edge of door.
2. Lock rail and lock panel center lines are from bottom edge of door.
3. Doors narrower than 2'-0" on 2-panel wide orders will be made as 1-panel wide in a corresponding design, for example CB402 1'-8" would be made as a CB202, etc...
4. Stile widths on Cathedral and Half Cathedral style for 1-4 wide doors will be 2", and 3" for 1-6 wide doors.

TONGUE & GROOVE PLANKED SQUARE STICKING (CBHT)

Simulated tongue & groove doors are made from a solid composite material and are offered in 9 standard paint grade styles. Precision lines are carved in the door, creating the look of a true tongue & groove planked door.

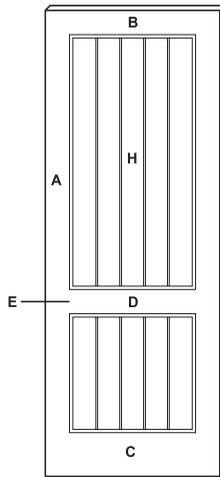


STANDARD CONFIGURATIONS

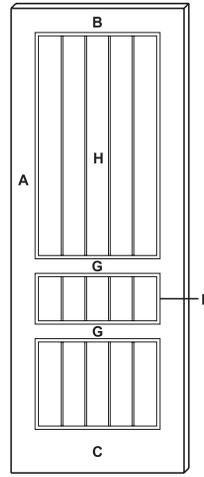


TECHNICAL INFORMATION

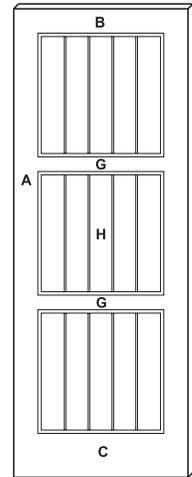
TONGUE & GROOVE
SQUARE STICKING (CBHT)



1-Panel Wide



1-Panel Wide



1-Panel Wide

<p>Stile Width "A" Door Widths 1-4 thru 1-10 Door Widths 2-0 thru 2-4 Door Widths 2-6 thru 3-0</p>	<p>4" 5" 5"</p>	<p>4" 5" 5"</p>	<p>4" 5" 5"</p>
<p>Top Rail Width "B"</p>	<p>5"</p>	<p>5"</p>	<p>5"</p>
<p>Bottom Rail Width "C" *</p>	<p>9" *</p>	<p>9" *</p>	<p>9" *</p>
<p>Lock Rail Width "D"</p>	<p>5"</p>	<p>5"</p>	<p>5"</p>
<p>Lock Rail Center Line "E" Styles - 201, 202</p>	<p>40"</p>	<p>40"</p>	<p>40"</p>
<p>Lock Panel Center Line "F" Styles - 301, 302</p>	<p>40"</p>	<p>40"</p>	<p>40"</p>
<p>Intermediate Rail Width "G" Styles - 301, 302, 310, 410, 510, 610</p>	<p>3"</p>	<p>3"</p>	<p>3"</p>
<p>Plank Quantity "H" Standard Door Widths 1-4 thru 1-8 Standard Door Widths 1-10 thru 2-2 Standard Door Widths 2-4 thru 2-8 Standard Door Widths 2-10 thru 3-0</p>	<p>2 3 4 5</p>	<p>2 3 4 5</p>	<p>2 3 4 5</p>
<p>Available Sizes Maximum Size 1 3/8 and 1 3/4 Thickness Minimum Size</p>	<p>4-0 x 10-0 1-0 x 5-0</p>	<p>4-0 x 10-0 1-0 x 5-0</p>	<p>4-0 x 10-0 1-0 x 5-0</p>

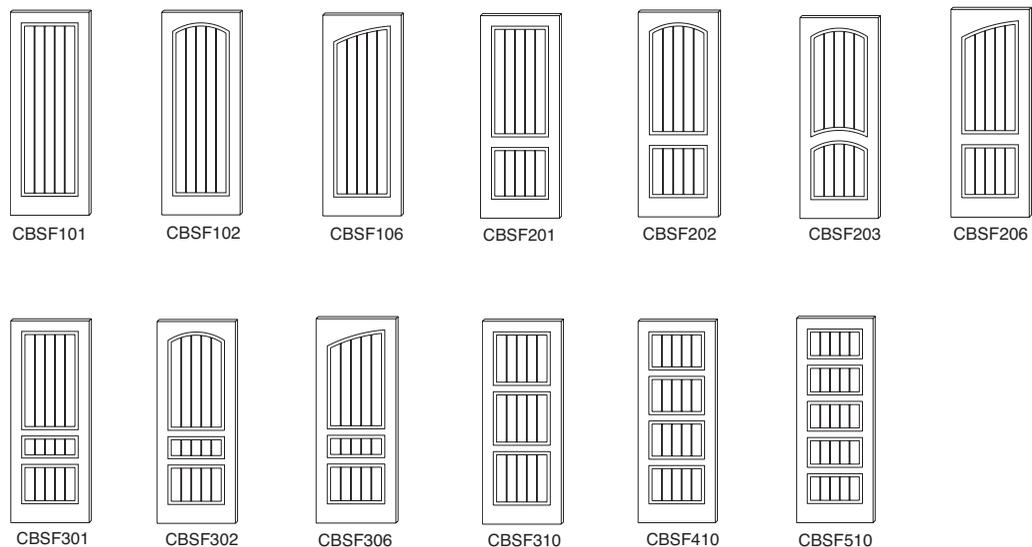
*10" Bottom Rail is available, upon request to meet ADA Requirements.

Notes

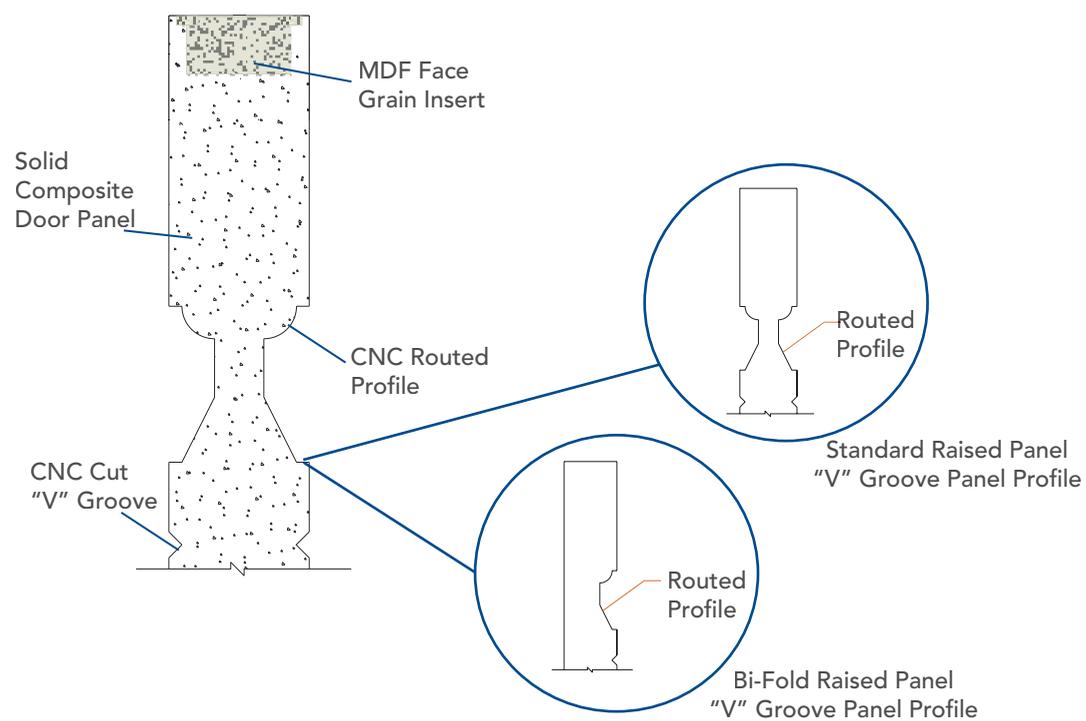
1. All components measurements are "Net" from outside of rout to outside of rout, or outside of rout to edge of door.
2. Lock rail and lock panel center lines are from bottom edge of prefit door.

TONGUE & GROOVE PLANKED DOOR (CBSF)

MDF doors SF doors are manufactured of a cut-to-size solid composite material with routed profiles that create the illusion of a Tongue & Groove planked door. Choose from a variety of standard paint grade styles.

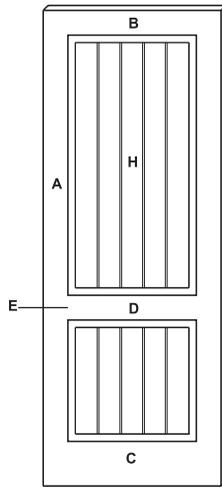


STANDARD CONFIGURATIONS

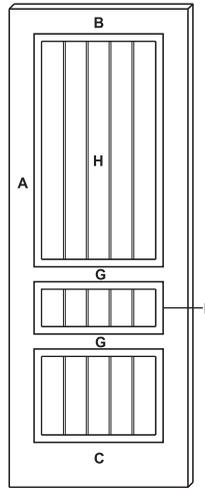


TECHNICAL INFORMATION

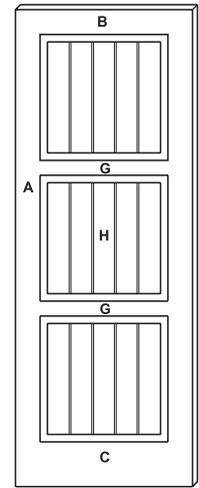
TONGUE & GROOVE
PLANK DOOR (CBSF)



1-Panel Wide



1-Panel Wide



1-Panel Wide

<p>Stile Width "A" Door Widths 1-4 thru 1-10 Door Widths 2-0 thru 2-4 Door Widths 2-6 thru 3-0</p>	<p>4" 5" 5"</p>	<p>4" 5" 5"</p>	<p>4" 5" 5"</p>
<p>Top Rail Width "B"</p>	<p>5"</p>	<p>5"</p>	<p>5"</p>
<p>Bottom Rail Width "C" *</p>	<p>9" *</p>	<p>9" *</p>	<p>9" *</p>
<p>Lock Rail Width "D"</p>	<p>5"</p>	<p>5"</p>	<p>5"</p>
<p>Lock Rail Center Line "E" Styles - 201, 202</p>	<p>40"</p>	<p>40"</p>	<p>40"</p>
<p>Lock Panel Center Line "F" Styles - 301, 302</p>	<p>40"</p>	<p>40"</p>	<p>40"</p>
<p>Intermediate Rail Width "G" Styles - 301, 302, 310, 410, 510, 610</p>	<p>3"</p>	<p>3"</p>	<p>3"</p>
<p>Plank Quantity "H" Standard Door Widths 1-4 thru 1-8 Standard Door Widths 1-10 thru 2-2 Standard Door Widths 2-4 thru 2-8 Standard Door Widths 2-10 thru 3-0</p>	<p>2 3 4 5</p>	<p>2 3 4 5</p>	<p>2 3 4 5</p>
<p>Available Sizes Maximum Size 1 3/8 and 1 3/4 Thickness Minimum Size</p>	<p>4-0 x 10-0 1-0 x 5-0</p>	<p>4-0 x 10-0 1-0 x 5-0</p>	<p>4-0 x 10-0 1-0 x 5-0</p>

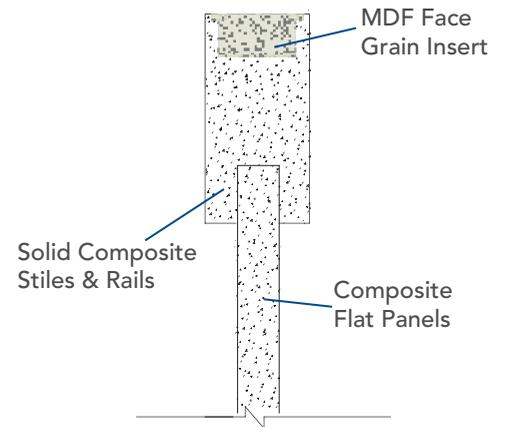
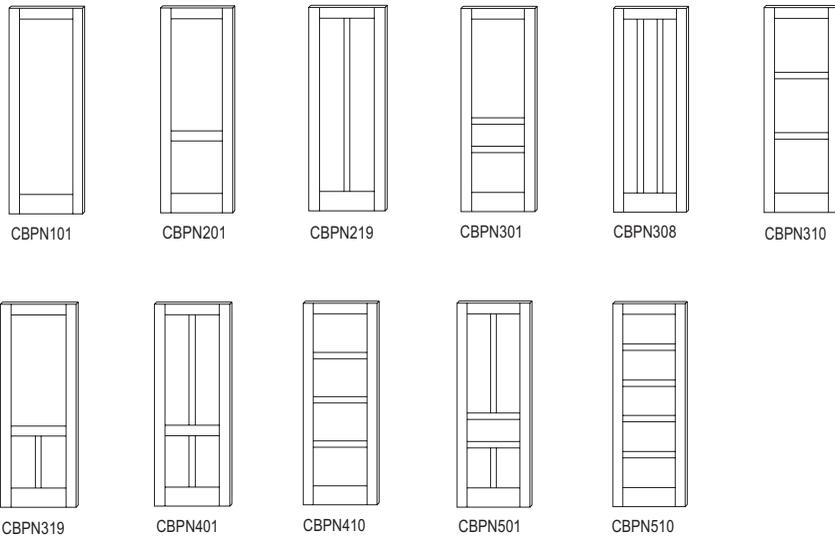
*10" Bottom Rail is available, upon request to meet ADA Requirements.

Notes

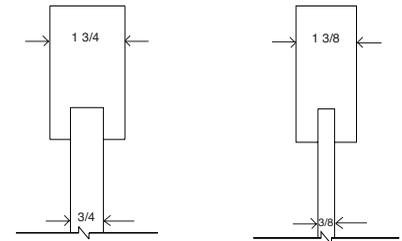
1. All components measurements are "Net" from outside of rout to outside of rout, or outside of rout to edge of door.
2. Lock rail and lock panel center lines are from bottom edge of prefit door.

STILE & RAIL DOORS (CBPN)

For a traditional look with architectural detail, our Stile & Rail MDF doors are an excellent choice. Be inspired by the standard designs below.

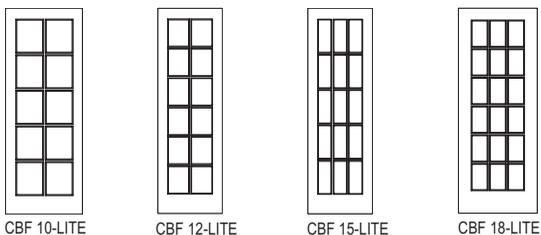


STANDARD & BIFOLD FLAT PANEL



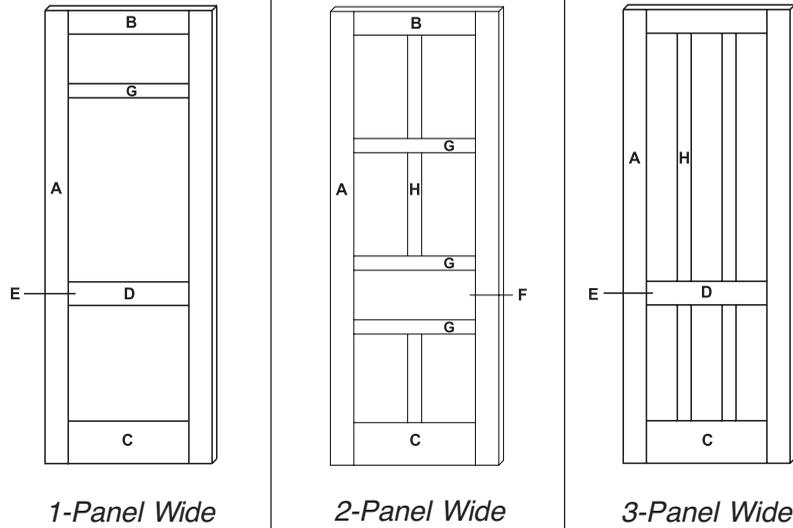
FRENCH DOORS (CBF)

Choose from solid panels that feature true divided lites with individual pieces of glass; or simulated-divided lites which have a single piece of glass and surface applied grilles to each side.



TECHNICAL INFORMATION

STILE & RAIL (CBPN)



Stile Width "A" Door Widths 1-0 Door Widths 1-2 Door Widths 1-4 thru 1-10 Door Widths 2-0 thru 2-4 Door Widths 2-6 thru 4-0	2" 3" 4" 5" 5"	N/A N/A N/A 4" 5"	N/A N/A N/A 4" 5"
Top Rail Width "B"	5"	5"	5"
Bottom Rail Width "C" *	9" *	9" *	9" *
Lock Rail Width "D"	5"	5"	5"
Lock Rail Center Line "E" Styles - 201, 319, 401, 601, 607	40"	40"	40"
Lock Panel Center Line "F" Styles - 301, 501, 701	40"	40"	40"
Intermediate Rail Width "G" Styles - 301, 310, 410, 501, 510, 601, 610, 611, 701, 801	3"	3"	3"
Mullion Width "H" Standard Door Widths 2-0 thru 4-0	N/A	3"	3"
Available Sizes Maximum Size 1 3/8 and 1 3/4 Thickness Minimum Size	4-0 x 10-0 1-0 x 5-0	4-0 x 10-0 1-0 x 5-0	4-0 x 10-0 1-0 x 5-0

*10" Bottom Rail is available to meet ADA Requirements

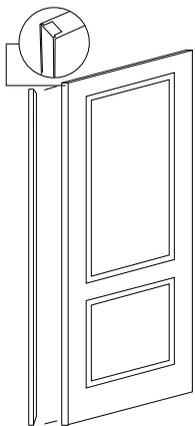
Notes

1. All components measurements are "Net" from outside of panel to outside of panel, or outside of panel to edge of door.
2. Lock rail and lock panel center lines are from bottom edge of prefit door.
3. Doors narrower than 2'-0" on 2-panel wide orders will be made as 1-panel wide in a corresponding design, for example CBPN401 1'-8" would be made as a CBPN201, etc...



Construction Options

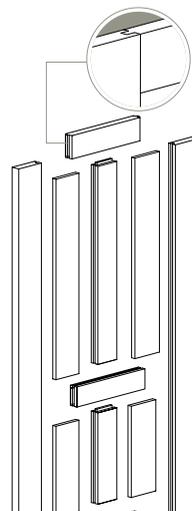
SOLID PANEL CONSTRUCTION



SOLID PANEL CONSTRUCTION

Doors are built from a cut-to-size solid composite panel with routed profiles creating the illusion of stile and rail construction with no visible stile and rail joints. A piece of face-grain MDF is inserted into both edges, providing a solid, non-splitting hinge base for superior performance.

STILE & RAIL CONSTRUCTION



STILE & RAIL CONSTRUCTION

MDF doors PN (CBPN) doors are made from the same composite materials as solid panel doors but are fabricated piece by piece with mortise and tenon- joinery as a true stile and rail door.

STRONG EDGE DESIGN FOR SERIOUS PERFORMANCE



Our proprietary edge design provides the highest durability and performance in the industry and allows for a superior edge finish. We use only double refined MDF in our doors and we prime all surfaces and edges to ensure a long-lasting finish.

Design Options for Function & Flair

LOUVERS

Vented louvers in flat and chevron profiles as well as false louvers are available on MDF Doors.

Louver Unit Specifications:

- 1-1/8" deep on 1-3/8" thick doors
- 1-1/2" deep on 1-3/4" thick doors
- All louver frames are 5/8" wide thick composite wood

Louver Construction:

- Louver units are four-sided frames with the uprights dadoed to receive false or vented louvers.
- Louvers are glued into frames with type-1 waterproof adhesives and pinned as needed
- Louver units are 1/4" less in depth than the door thickness on CB, CBPN, CBHT and CBSF series to create a 1/8" reveal or ledge on either side of the door.



VENTED LOUVERS

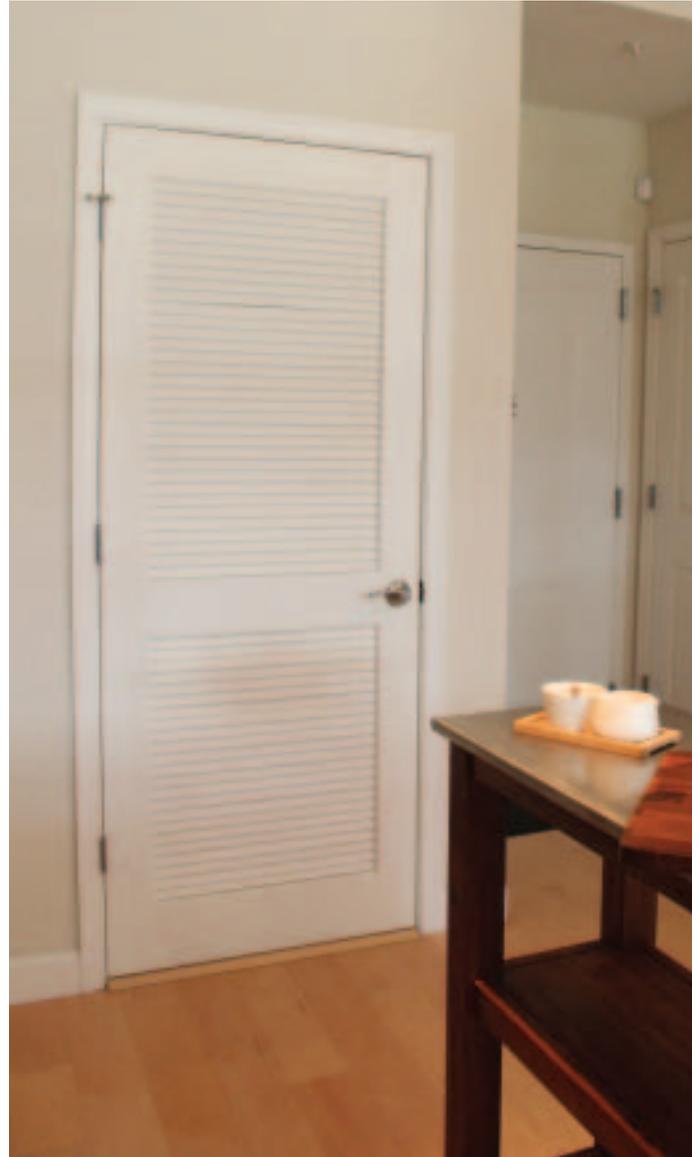
1/4" X 2" slats with 1-1/2" reveal



FALSE LOUVERS

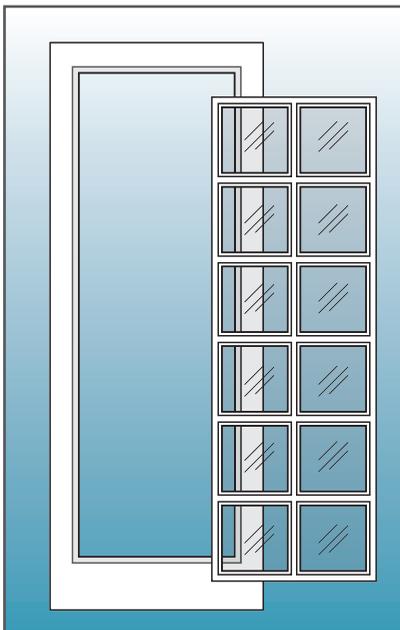
1" X 4-3/4" sections with 1-1/2" reveal per simulated louver

1/2" X 4-3/4" sections with 1-1/2" reveal per simulated louver (single sided louver)



Vented and False louvers appear the same from surface. You can specify a door with Vented louvers when ventilation is required, and specify a matching door with a False louver when additional privacy is desired.

GLASS OPTIONS



MDF doors solid panel doors are manufactured from a cut-to-size solid composite material so openings for glass and other inserts like mirrors, marker boards or chalk boards are routed directly into the door, preserving its solid one-piece structure.

Additional glass & custom glass options are available. Contact your representative for details.

- All glass is tempered unless otherwise specified.
- Multi lite doors will have the tempered stamp only in the bottom panel unless otherwise specified



FLUTED GLASS



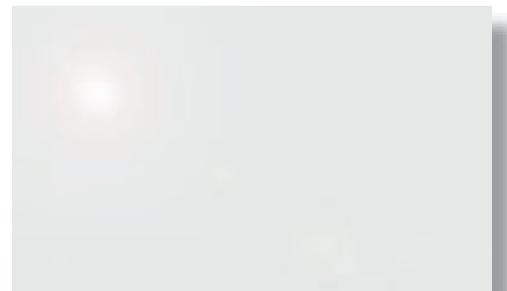
RAIN GLASS



FROSTED GLASS



AQUATEX



CLEAR



Maintain design consistency with other doors in your project with spacing saving barn doors, pocket doors or bi-fold doors.

CUSTOM DESIGNS

If you can't seem to find just the exact design for your MDF door order, we can help. Sketch your unique design and we can help translate these designs into professional drawings for your approval. Contact your representative to see if your custom design specification is available. *(Availability of Custom designs are determined in part by door order quantities).*



ENVIRONMENTAL CERTIFICATIONS

Algoma MDF Doors doors are available with numerous environmental attributes that are 3rd-party certified, contributing to your projects' sustainable design goals.

Contact us for specific details about how MDF Doors doors can support your green building objectives.



WARRANTY

Door Type	Coverage	Warranty Period - Interior Application	Exterior Application
MDF Solid Panel	Full	Lifetime	Not Warranted

For full warranty details, please contact factory.

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.
- Please take note when field fitting doors. Care should be taken to not throw off balance of door or affect non-rated or fire-rated assemblies. Contact factory for any questions or concerns.
- For factory primed doors, a good quality sealant must be applied to the top and bottom door edges, prior to final finishing, to minimize humidity absorption. Any field trimming of door to fit opening must also be sealed prior to final finish. Special attention must be given to finish 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.

MDF DOORS

Neutral Pressure, Positive Pressure, Environmental

Product Features and Specifications Interior use only

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

Maximum Size

	ITS-WH and UL- Max 20 minute (Fire-Ratings Available on 1-3/4 Doors Only)				
	Non Rated	20 min. (Cat. A & PP)	45 min. (Cat. A & NP)	60 min. (Cat. A & NP)	90 min. (Cat. A & NP)
Single	4/0x8/0	4/0x8/0	4/0x8/0	4/0x8/0	4/0x8/0
Pair	8/0x8/0	8/0x8/0	7/0x8/0	7/0x8/0	N/A
DE Pair	8/0x8/0	N/A	N/A	N/A	N/A

Minimum Size 0/11-3/4x5/0

Core •Non-rated and 20 minute: Medium Density Fiberboard
•45, 60, and 90 Minute: Fire Resistant Composite

Lite Openings

20 Minute:

- Max cut-out size allowed: 1296 sq in
- Max width of opening: 30"
- Max length of opening: 54"
- *Multiple lite openings allowed as long as the combined sum of the area does not exceed the above.
- *20 minute doors furnished with standard WVF-7 light trim upon request.

45 Minute:

- Max cut-out size allowed: 1248 sq in
- Max width of opening: 26"
- Max length of opening: 48"
- *Multiple lite openings allowed as long as the combined sum of the area does not exceed the above.
- *Manufacturers standard #110 Metal Vision Frame available upon request.
- *If factory glazed, fire-rated ceramic glass with a minimum 3/16" thickness is required.

60 & 90 Minute:

- Max cut-out size allowed: 100 sq in
- *Manufacturers standard #110 Metal Vision Frame available upon request.
- *If factory glazed, fire-rated ceramic glass with a minimum 3/16" thickness is required.

Other Detail Work

- Glazing
- Machining
- Louvers - Open, False, Curved (Maximum 20 minute label)

Factory Finish

- Prime (Standard offering)
- Opaque (Upon request)

Warranty

Lifetime, No exterior warranty

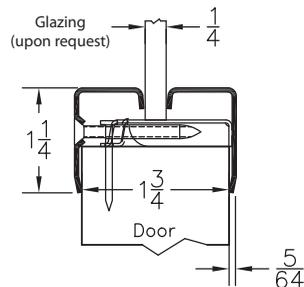
Environmental Options & LEED Credit Contribution (Not all credits may be available with some constructions)

- MR 4-Recycled Content- Non-Rated and 20 minute only
- MR 5-Regional Materials- Non-Rated and 20 minute only (Subject to project location)

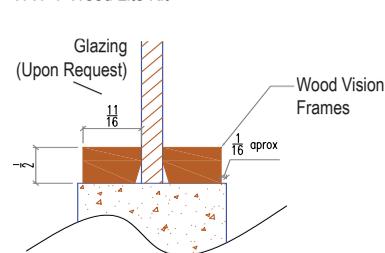
Quality Standards (Quality Assurance/ Industry Standards)

WDMA Performance Duty Level: Extra Heavy Duty
*Product does not require blocking for surface hardware

#110 Metal Vision Frames



WVF 7 Wood Lite Kit



Note: Algoma doors are manufactured per the standards listed on this page. Specifications are subject to change without notice.

*Note: Fire-Rated doors will be constructed per label service listing and may deviate from above.



Algoma Hardwoods manufactures high quality Architectural Hot Press, Commercial Cold Press and Stile and Rail wood doors. The full product range of Algoma Hardwoods can accommodate just about any veneer and extends from non-rated to 90 minute doors, neutral and positive pressure (Category A or B). Algoma Hardwoods can pre-machine, pre-finish, pre-glaze and detail doors.

Wisconsin Plant

1001 Perry St.
Algoma, WI 54201

Tennessee Plant

506 Municipal Ave.
Jefferson City, TN 37760

Mill Sales

1001 Perry St.
Algoma, WI 54201

800.678.8910 • 920.487.5221
algomasales@masonite.com

algomahardwoods.com

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Mixed Use | Multi-Family

