



Buffelen™

Since 1913



STILE & RAIL WOOD
FIRE-RATED
LOUVER
IMPACT-RATED
MDF
PRE-HUNG
PRIMED



Hand Crafting Doors For Over 100 Years

BuffelenDoor.com

Buffelen™

THE BUFFELEN WOODWORKING STORY: *Quality doors since 1913*

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The people at Buffelen Woodworking have been making doors to fit any opening since 1913. We are a manufacturing company built on traditional values that is reinventing itself everyday with state of the art equipment and capabilities to serve the marketplace for the next 100 years.

The craftsmanship required to build quality doors that last for generations hasn't changed. It still requires skill to craft joinery that fits precisely and creates the kind of strength that allows them to last for decades. The tools have changed; the joiner's planes have been replaced with modern, multifunction CNC tooling that allows us to precisely and repeatedly create components that fit right the first time, whether we're creating a one-off custom or a complete run of doors for a complex new development. The craftsman's touch also remains. All Buffelen doors are hand assembled, sanded and finished to ensure that every door leaving our plant fully represents the standard of quality we've established throughout our over 100-year history.

In the past, we maintained a stock of every door we make. Today we build it faster, better and with more precision than ever before. We build exactly what you want, to order. We'll work with you every step of the way to build a superior product. Then we'll deliver. In weeks. Not months.

Success today depends on having the flexibility to compete. Gone are the days when you can build one door one day and another the next day. Modern tooling and equipment allows us to build them all at the same time. We are capable of building seven different profiles simultaneously—and have 16 different species on site at all times.

But you can rest assured that every Buffelen door created today carries with it the legacy of quality and craftsmanship we've built with every door.







TRADITION BUILDS ON THE PAST, TECHNOLOGY BUILDS ON THE FUTURE

Buffelen Woodworking occupies the same location in Tacoma, Washington where we started in 1913. Some of the original buildings are still in use, and all of the craftsmanship and dedication to quality that helped build our reputation remain.

But that's where the similarity ends. Today those buildings house a state-of-the-art manufacturing plant capable of producing seven different profiles simultaneously, using virtually any species of wood (we stock 16 species). And every door is built with the kind of precision yesterday's craftsman worked a lifetime to achieve. Laser measurement, CAD engineering, and CNC controlled machinery combine with the joiner's touch to craft doors that fit right the first time and are engineered to last several lifetimes.

NEW TECHNOLOGY ENABLES NEW PRODUCTS

Engineered Wood vs. Solid Wood

Is a solid wood door better? Sometimes. It depends on several factors: the wood — every tree is different, the environment, and every craftsman brings his own skill set to the job. Engineered wood products are designed to provide greater strength, flexibility and dimensional stability than ever before. Veneers used on our doors are resawn on site, to order. Core materials are selected to achieve maximum strength and dependability for a lifetime of use. All that technology allows us to build more doors more precisely than ever before. It also allows the customer more options than ever before. After all, isn't that what it's all about — meeting the demands of tomorrow's marketplace by combining the efficiencies of technology with the traditions built on over 100 years of quality and craftsmanship.

No other wood door manufacturer can make that statement — no other wood door manufacturer has the experience to back it up.

Impact-Rated Doors

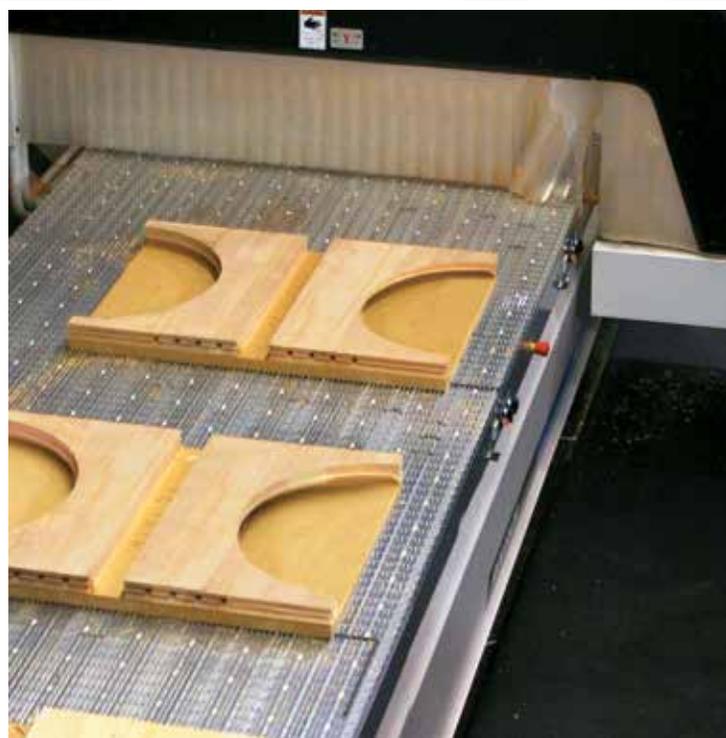
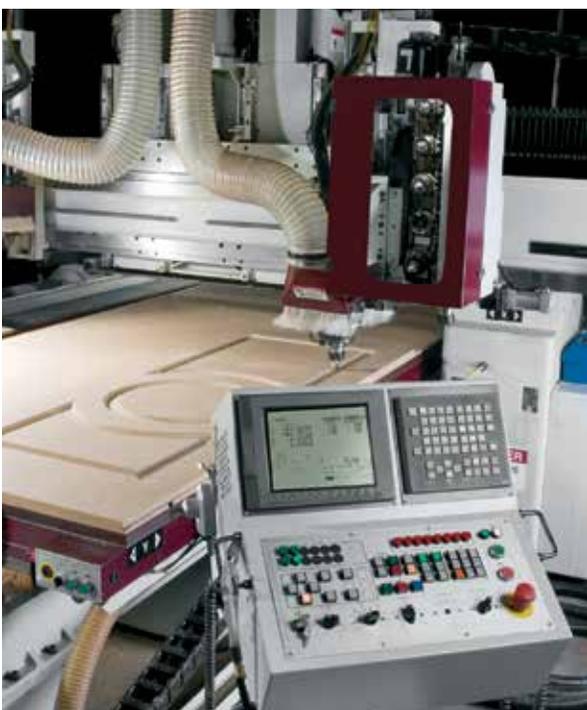
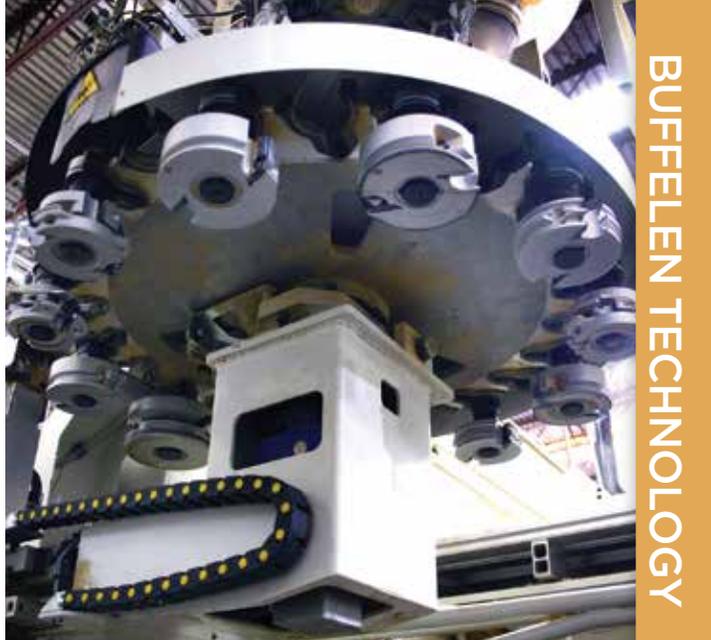
The result of precision tooling is better fitting parts for more reliable, longer-lasting doors that provide additional protection. Designed and engineered to better withstand nature's most destructive powers, Buffelen's Impact-Rated doors are tested to achieve the kind of protection required by the most stringent coastal regulations.

For more information on Buffelen's Impact-Rated products, see pages 84–89.

MDF Doors

MDF doors designed to match your wood doors—when paint is the preferred finish. Buffelen's interior MDF doors are built with all the care and craftsmanship as our wood doors. The design and layout can be matched to many of our wood door designs. With solid wood inserts to support hardware, they too are built to last for decades, just like our wood doors.

For more information on Buffelen's interior MDF products, see pages 70–83.



ORDERING THE PERFECT DOOR

Ordering your new Buffelen doors is pretty simple—whether its an entry door or interior doors. Look through the catalog and find the door that suits your style. Then tell us the sizes and options you'd like. We'll take care of the rest. Because every Buffelen door is made to order, your doors will be made just for you. You get exactly what you want.

Here's a guide to getting exactly what you want:

CHOOSE THE DOOR DESIGN THAT WORKS WITH YOUR HOME

Choose a door from our catalog, your architect's design, or one hand drawn from your own imagination.

CHOOSE THE SIZE THAT FITS Specify the width, height, and thickness of the door. At Buffelen, our standard heights are 6'8", 7', and 8' tall. Our widths start at 1'6" and go up in 2" increments.

Depending on the design, most doors can be manufactured up to 4'10" x 10'0". Some door designs can be manufactured up to 6' x 12'. Standard thicknesses are 1-3/8", 1-3/4", and 2-1/4".

CHOOSE THE SPECIES Choose almost any species to match your home's cabinets and woodwork. We regularly stock 16 species of wood. See page 8 for details.

1 PANEL STYLE Flat, raised, bladder-press, or split-proof panels. Beaded or V-grooved panels are also options. See the "Anatomy of a Buffelen Door" on page 103 for additional structure details.

2 STICKING PROFILES At Buffelen, we believe every detail in your home should match—right down to the sticking on your doors. With dozens of profiles to choose from, there's a millwork profile to compliment any décor. See pages 98–99.

3 CORE TYPE Our standard core is solid finger jointed lumber because of its strength and stability in demanding environments. Modern engineered wood cores like LVL (laminated veneer lumber) can also be specified.

4 TYPE OF GLASS There are over 20 styles of glass from clear to fully obscured treatments to choose from. True divided lites (TDL) and simulated divided lites (SDL) constructions available. See pages 100–101.

5 OTHER OPTIONS Matching sidelights and transoms. Add details—a dentil shelf, speakeasy grille, or clavos to suit your style.

Pre-hung, along with jambs, astragals, and brick mould See pages 92–97 for details.

Primed Doors See page 91 for details.

Impact-Rated Doors See pages 84–89.

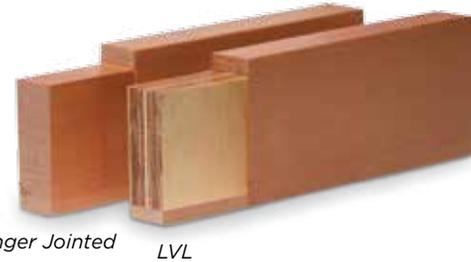
Fire-Rated Doors—20, 45, 60, or 90 Minute See pages 52–53.

MDF Doors See pages 70–83.

Multi-Point Locking Systems See page 95.

WHOLE HOUSE PACKAGES

When ordering all the doors for new construction or complete remodels, Buffelen offers the complete package—exteriors, interiors, bifolds, sidelights and transoms. Jambs, brick moulds, astragals and sills are available to match in the same species.



Buffelen Door Series: Which one best fits your needs?

The 3000, 5000 & 6000 Series come standard with 5-3/8" stiles.

2000 SERIES

- 4-1/2" stiles
- 3/4" split proof hip raised panel*
- Single-glazed glass

3000 SERIES

- 1-3/8" split proof hip raised panel*
- Applied raised moulding, one side

5000 SERIES

- 1-3/8" split proof hip raised panel, 1" bladder press panel, or 1/2" flat panel (determined by door design)
- Beveled sticking
- 1/2" Insulated glass

6000 SERIES

- 1-3/8" split proof hip raised panel, 1-1/4" bladder press panel, or 5/8" flat panel (determined by door design)
- Ovolo sticking
- 5/8" Insulated glass

8000 SERIES

- 1-3/8" split proof hip raised panel*
- Stiles vary by door design

7000 SERIES / BWC

This series is comprised of unique designs with various components. Consult your dealer for the specifications of your 7000 Series / BWC door design.





1 Exterior bladder press panels are made from medex and then overlaid with a veneer. They won't crack, split, expand or shrink. Available in most species.

Bladder Press Panel



2

1-3/8" Hip-raised split proof panel

Optional 3-point locking system shown here with Trilennium hardware. Our standard is Hoppe HLS 9000 multipoint.

5

5

5

3



LVL Core

4



Simulated Divided Lites

WOOD SPECIES



Cherry



Clear Pine



Cypress



Fir



Hemlock



Hickory



Knotty Alder



Knotty Pine



Oak



Plain Sawn White Oak



Poplar



Sapele



Superior Alder



Walnut



White Birch



White Maple

OTHER SPECIES AVAILABLE ON REQUEST

*Pre-hanging available with jambs
in all species, see pages 92-97*



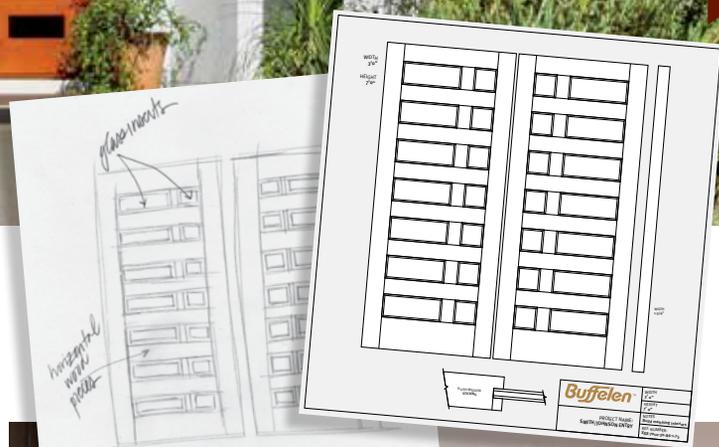
MODEL SHOWN: BWC738L/BWC738R

CUSTOM DOORS

If it's a custom house, you shouldn't be limited to standard doors.

In the past, custom doors were built in a completely different workflow. Lead times were long, production started with a drawing. At today's Buffelen, with the joinery defined by CAD drawings, and the ability to adjust tooling virtually on the fly, nearly every door we make can be built to different specifications, different profiles, without slowing down production.

We offer a full package for custom homes: the Individual House Package—exteriors, interiors, bifolds, sidelights and transoms, all from a single supplier. Custom jambs, brick moulds, astragals and sills are available to match in the same species.





MODEL SHOWN: 6440 *Shown with mission sticking*

THE POSSIBILITIES ARE LIMITED ONLY BY YOUR *IMAGINATION*

Often, it starts with a quick sketch from the architect's hand, or an idea that springs to life from the cocktail napkin where it was born. Either way, it is a quality door that's made to order.

Nothing is out of bounds. Shapes: we can do curves, ellipticals, rounds, arches, virtually any shape you can put on paper. Panels can be v-grooved, planked or beaded. You can choose from any species that matches your décor, even mix species if that's your dream. We stock 16 different species and can custom resaw virtually any species to your order. After all, that's the definition of a custom door.

So let's talk. The very word "custom" means that it may not have been done before. Show us your sketches; get us your specs, tell us what species or even combination of species matches your decor. Curved, elliptical, round... we can make your wildest dreams come true. For architects, designers, builders and distributors, it's the ultimate in flexibility. Made-to-order, quality built doors delivered on time, on budget, every time.

And, if you'd like your custom door pre-hung, see pages 92-97 for more information.

Folding door units come complete with all hardware and ready to install in your rough opening



Buffelen Exterior Folding Door Unit. Custom 3'3" x 9'1" 6125s, 2-1/4" thick with 18 TDLs and a 1-1/4" Bladder Press Panel



CUSTOM DOORS



2'6" x 7'0" Sapele Custom 6106s, with true divided lites (TDL) in clear insulated glass, with matching sidelights and transoms.



1515s with custom transoms



Double Door Unit with 3'0" x 9'11" Mission Offset 500Ts with SDL bars and clear glass

COMMERCIAL, INSTITUTIONAL AND SPECIALTY RESIDENTIAL DOOR SYSTEMS

Buffelen designs and builds custom door systems that help connect interior spaces with the great outdoors, allows easy entry yet retains full security. Eliminating the barriers expands interior spaces, provides beautiful natural light and allows both fresh air and the ambiance of your environment to circulate freely. Working with architects, designers, engineers, builders and homeowners, we provide a turn-key product complete with all the millwork in whatever species fits your plan.

Robust, precision hardware is built into every system ensuring easy, trouble-free operation and, for commercial and institutional settings, long service life that withstands frequent, punishing use and repeated cycles. Precision CNC machining integrates the hardware into the components for a flawless installation. Each system is custom made, fully built, assembled and tested in our plant, then packaged for shipping to your site for final assembly.

If you've got a project that calls for erasing the boundaries and opening up the space—give us a call. We'd be pleased to discuss the possibilities.

For more information on pre-hung options, see pages 92–97.



HERITAGE ENTRY DOORS

Classic styles that go all the way back to our roots — over 100 years, updated to take advantage of today’s technologies. With our Heritage series, you’ve got the freedom to choose the design, the species and the details to fit your home and your lifestyle.

HERITAGE DOORS 16-31
 CRAFTSMAN DOORS 32-33



ENTRY DOORS

When it comes to Buffelen entry doors, the options are endless. Start here: with a presentation of the largest selection of entry doors in our 100-year history. As long as your choice is Buffelen, you can’t go wrong. An entry door is the first impression that many people have of you. A wood door from Buffelen can make a lasting impression.

CONTEMPORARY DOORS 34-37
 ENTRY DOORS 38-43
 SIDELIGHTS & TRANSOMS 44



LOUVER

With the privacy of solid doors, Buffelen’s new take on the Plantation shutter door allows cooling breezes to circulate freely throughout your home. The look is classically tropical, the technology is all new. Choose between Plantation slats that keep the air circulating, or Chevron slats that provide the same look with the security of solid panel construction. Operable louvers are also available.

LOUVER DOORS 54-57



INTERIOR

There's nothing like a quality wood Buffelen stile and rail door for your interior—to create a sense of safety, warmth and comfort. How can you tell the difference between a quality wood door and one that's not? It's the weight, the feel and the sound of the door when you close it. If it doesn't feel safe and sound, chances are you won't either.

PANEL DOORS	58-61
FRENCH DOORS	62-67
BI-FOLD DOORS	68-69



MDF

Like every other door we manufacture, Buffelen's new router-carved MDF door series has a lot going for it. They are made with laminated medium density MDF, an engineered board that has excellent properties for making doors. They offer superior room-to-room sound proofing, will never check, warp, or crack, and have a smooth surface that's perfect for painting.

MDF DOORS	70-83
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IMPACT-RATED

Building a door to withstand hurricane force winds and flying debris is one thing. Our state-of-the-art CAD design capabilities, CNC manufacturing system and team of expert craftsmen combine to produce impact-rated doors, sidelights, and transoms with the warmth and charm of beautifully designed, custom built, hand assembled joinery.

IMPACT-RATED DOORS	84-89
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BWC737L Shown pre-hung
Also available as double doors **BWC737L / BWC737R**

Heritage Entry Doors

We call this our Heritage Series because these entry doors go back to our roots—over 100 years of experience in quality craftsmanship. But history is only half the story. Today state-of-the-art technology, precision engineering and freedom of choice in design, species and specs are the other half of Buffelen's Heritage Series. It's an unbeatable combination.



Buffelen's optional bladder press panel is available as shown.



Fairfield 7022 (Zinc)
Sidelight 7322
Shown in Maple



BWC720 (Zinc)
Shown in Cherry



Fairmont 7021

HERITAGE SERIES



MODEL SHOWN: Custom 6644 with custom transom



BWC719L

BWC719R

Shown in Maple with Celebrity leaded glass (Zinc)



BWC708L

BWC708R

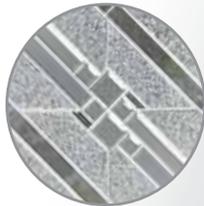
Shown in Maple with Walnut overlay & Celebrity leaded glass (Zinc)



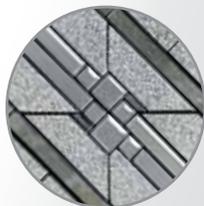
BWC716L

BWC716R

Shown in Red Oak with Beveled IG



ZINC CAMING

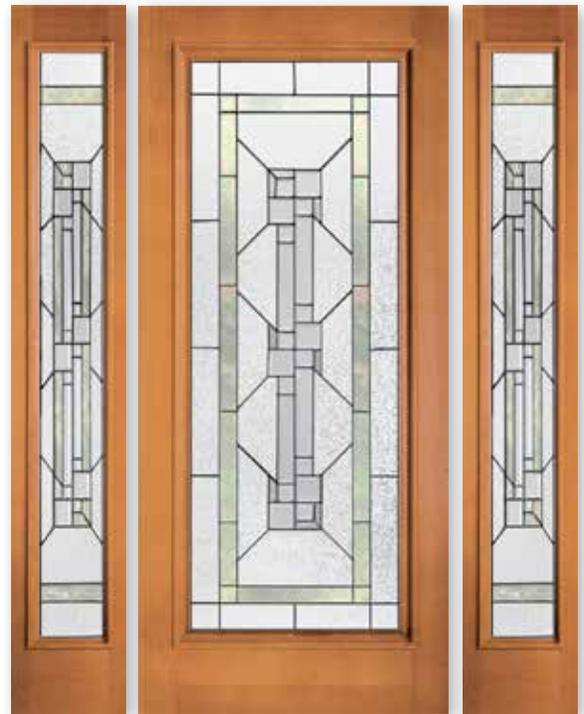


PATINA CAMING

Additional glass options available on pages 96-97



Madison 7005-8* (Patina)
Sidelight 7315-8*



Madison 7005 (Patina)
Sidelight 7315



Pacifica 7023 (Patina)
Sidelight 7323
7023-8*
Sidelight 7323-8*



Jameson I 7044 (Zinc)
Sidelight 7344
7044-8*
Sidelight 7344-8*



Jameson II 7053 (Zinc)
Sidelight 7353

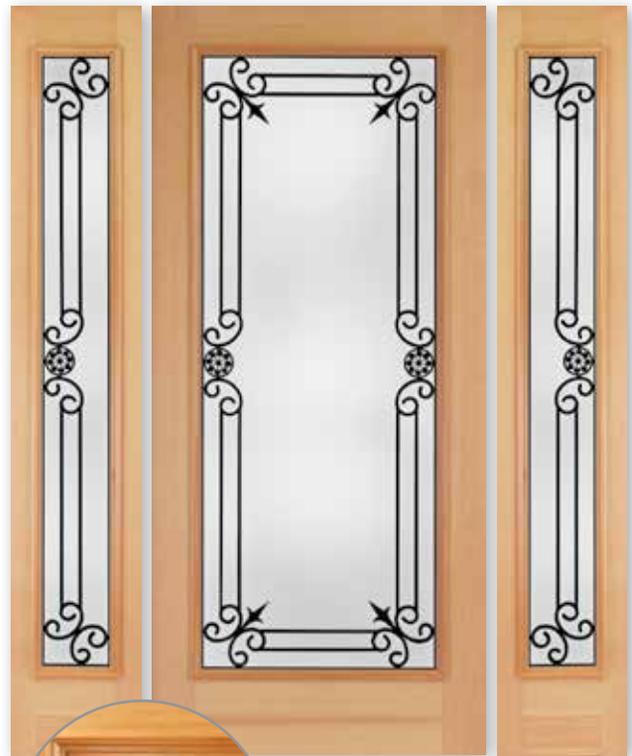
**For 8'0" height, a bottom panel is added to door style*

ENTRY DOORS

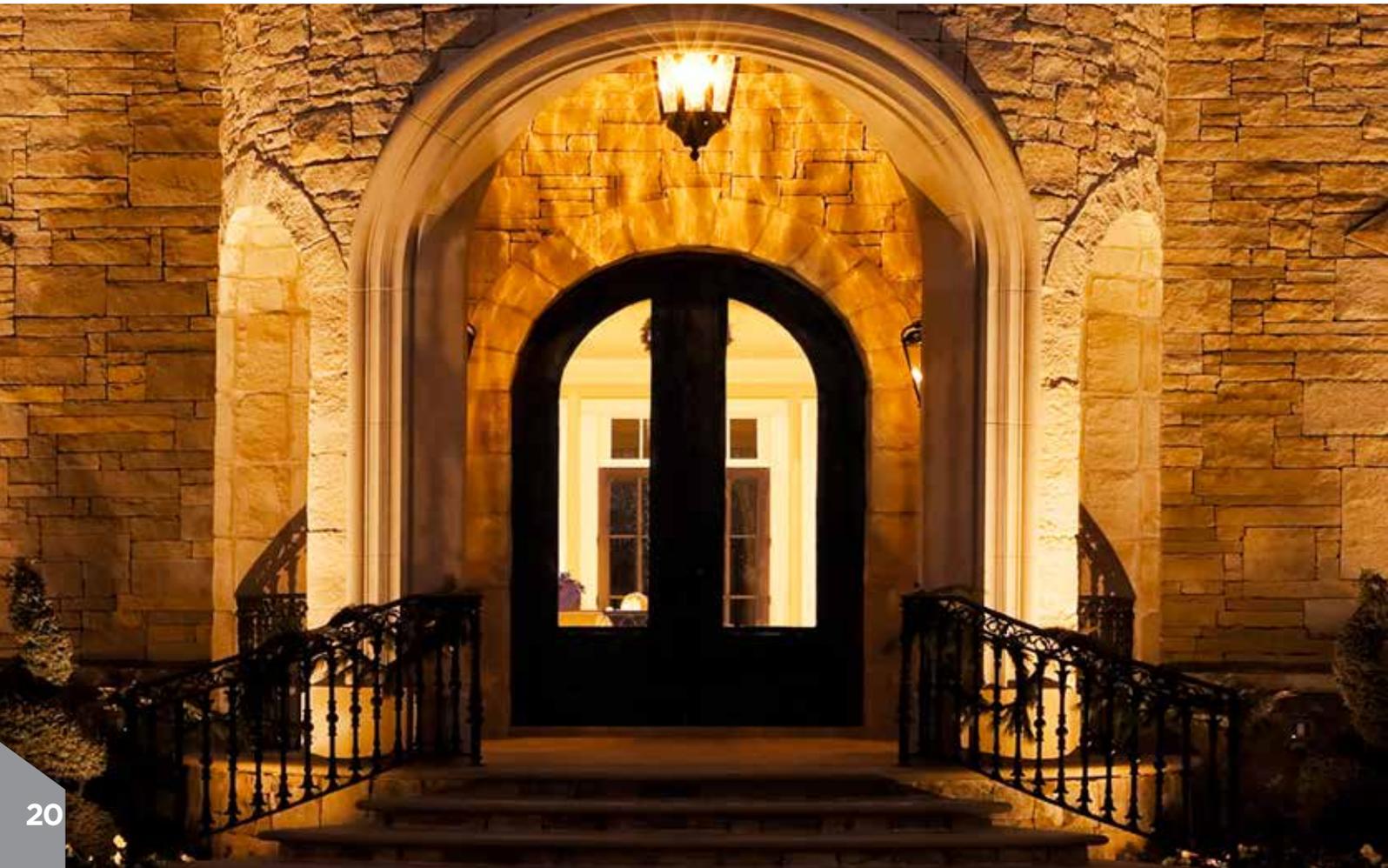


7045L

Laramie 7045R
(Clear Glass)



Sonora 7046
Sidelight 7346R
Sidelight 7346L
(Clear Glass)





Bandera 7047 (Zinc)
Sidelight 7347
(Zinc caming with metal medallions)



Presideo 7048 (Patina)
Sidelight 7348



Customize your door design with a speakeasy grille or clavos.



BWC712

Note: 1-3/4" black clavos and speakeasy grille sold separately.



BWC 732L

BWC 732R

ENTRY DOORS



Brittany Elegance **7036** (Zinc)
Sidelight **7336**



Hamilton **7052** (Patina)
Sidelight **7352**
(Patina coming with
metal medallions)



Riesling **7152** (Patina)
Sidelight **7369**



Regina **7064** (All Panel)
*Optional Carved Lock Rail
available, must specify*



7077
Shown in Sapele



Esquire **7056** (Beveled)
Sidelight **7356**
7057 (Patina Insert)
Sidelight **7357**

*Shown with beveled glass
and Standard Shelves*



Patina coming



BWC718 Flemish Glass
*Shown with Flemish Glass
Standard Shelf (2021)*



BWC 729
*Shown in Alder
with clear IG*



7103

Optional Door Shelves

It's all about the details. Solid wood, beautifully crafted and fit with all the care the Buffelen name has been built on for over 100 years.



Standard Shelf **2022**



Dentil Shelf **2012**



Dentil Shelf **2011**



Standard Shelf **2021**

ENTRY DOORS



MODEL SHOWN: 7024 with 7204 transom



Olympic **7006** (Beveled Glass)
Sidelight **7306**



Cascade **7007** (Beveled Glass)
Sidelight **7307**



Bainbridge **7001** (Beveled Glass)
Sidelight **7301**



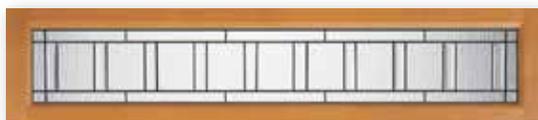
Brookshire 7025 (Patina)



Manchester 7049 (Patina)
Sidelight 7349



Patina caming

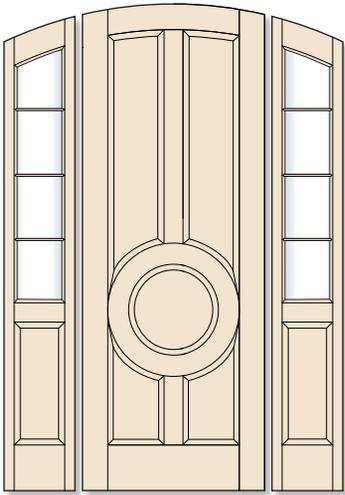


Canterbury 7024 (Patina)
Sidelight 7324
Transom 7204

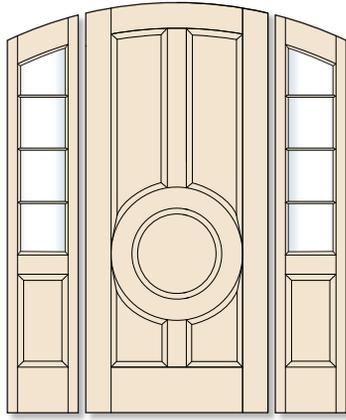


MODEL SHOWN:
6130 with 6705 sidelight and custom transom

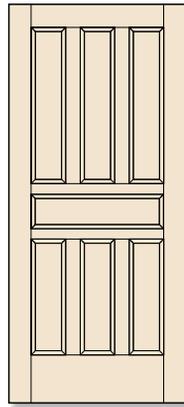
ENTRY DOORS



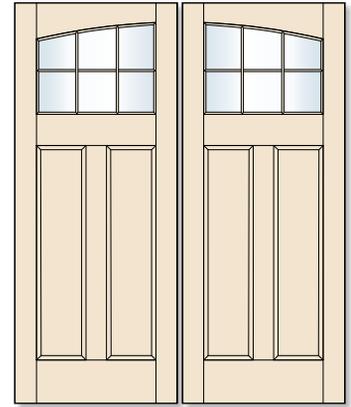
BWC733-8 (8'0")
BWC733L-8 S/L BWC733R-8 S/L



BWC733 (6'8")
BWC733L S/L BWC733R S/L



7177



BWC707L BWC707R



Rochelle Maxim 7071 (Zinc)
Sidelight 7371



Nouveau 7087
Sidelight 7387



Moonglo Serenade 7043 (Zinc)
Sidelight 7343



Moonglo 7041 (Patina)



Sherwood 7091 (Patina)
Sidelight 7391

Inserts *Finishing touches*



Cambridge 7130
Shown with optional carved lock rail, must specify.

Note: Also available with plain panel.



4102



4106



4108



4109



Buffco VIII 7120

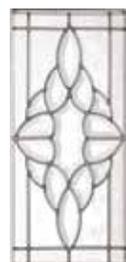
Note: All Thermal glass inserts are interchangeable between Buffco VIII and Cambridge.



Sterling 7420



Starlight 7415



Bristol 7402



Rose 7410



Reverie 7405

Transoms

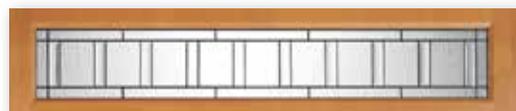
Available with raised moulding upon request. Mix and match any door with any of these six transoms to achieve the look and feel you want.



7207 (Patina)



7205 (Zinc)



7204 (Patina)



BWC722

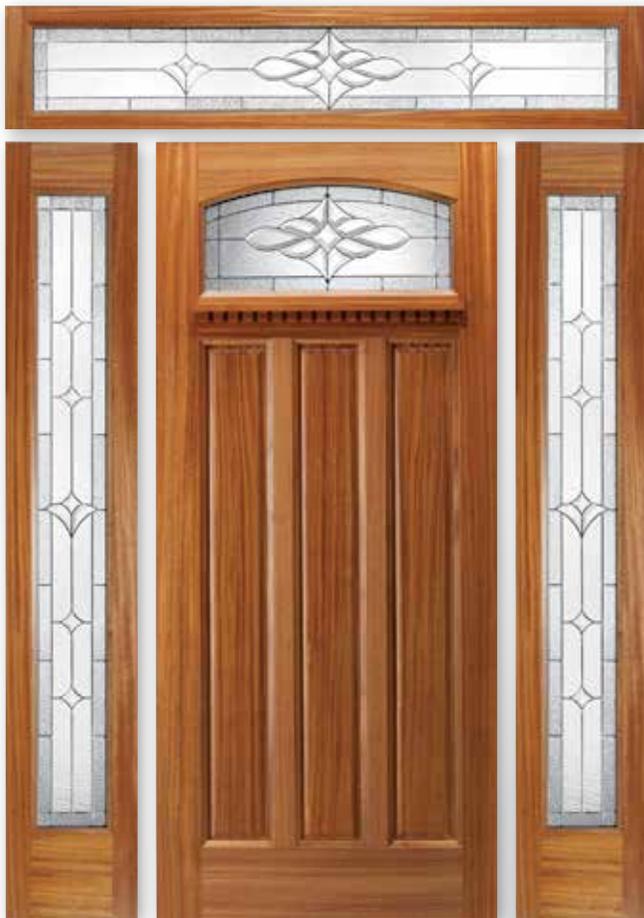


BWC725



BWC721





Friday Harbor L105
L504 sidelights & L901 Transom
Shown with Dentil Shelf (2011)

These doors incorporate beveled and textured glasses with zinc coming in classic designs that provide privacy while allowing light to shine through. The results are brightened entryway interiors during the day and warm, welcoming porches by night.



Buffelen's optional bladder press panel is available as shown. (Not available with Heritage raised moulding.)



Renaissance Bay L107
Elliptical Transom L902
Sidelight L500



L109L Crystal Cove-C L109R
Shown in Cherry

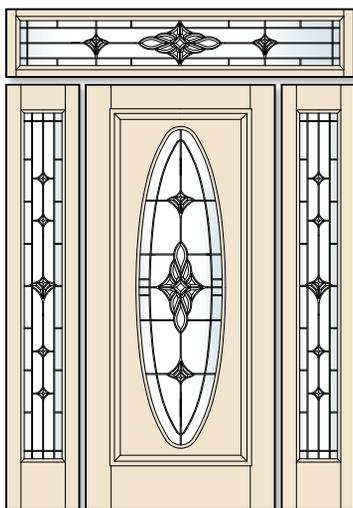


Medina L100
Shown in Knotty Alder

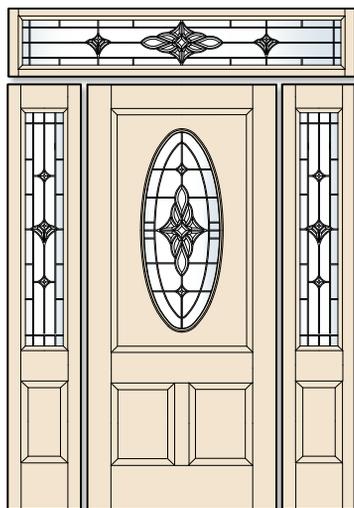
ENTRY DOORS



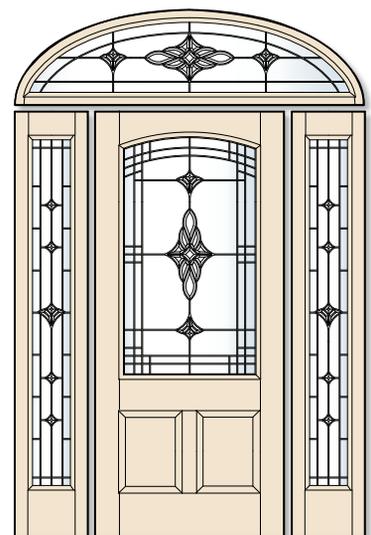
MODEL SHOWN: L100 with L500 sidelight and custom transom



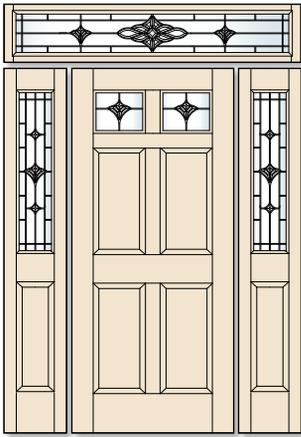
Grandview L103
Sidelight L500
Transom L901 (no raised moulding)



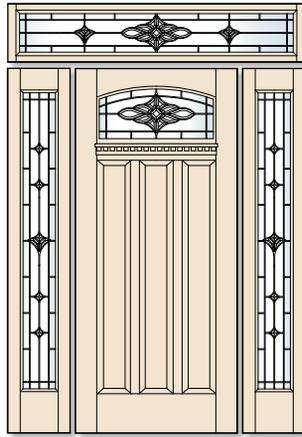
Harborview L101
Sidelight L501
Transom L900 (with raised moulding)



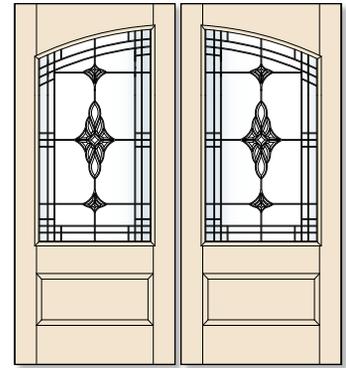
Medina L100
Sidelight L500
Transom L902



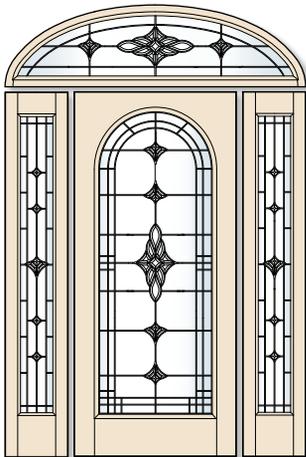
Canterwood L106
Sidelight L506
Transom L901



Friday Harbor L105
Sidelight L504
Transom L901



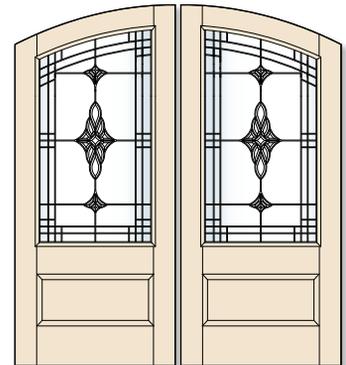
L108L Crystal Cove
L108R



Renaissance Bay L107
Sidelight L500
Transom L902



Northwind L102
Sidelight L501
Transom L902



L109L Crystal Cove-C
L109R

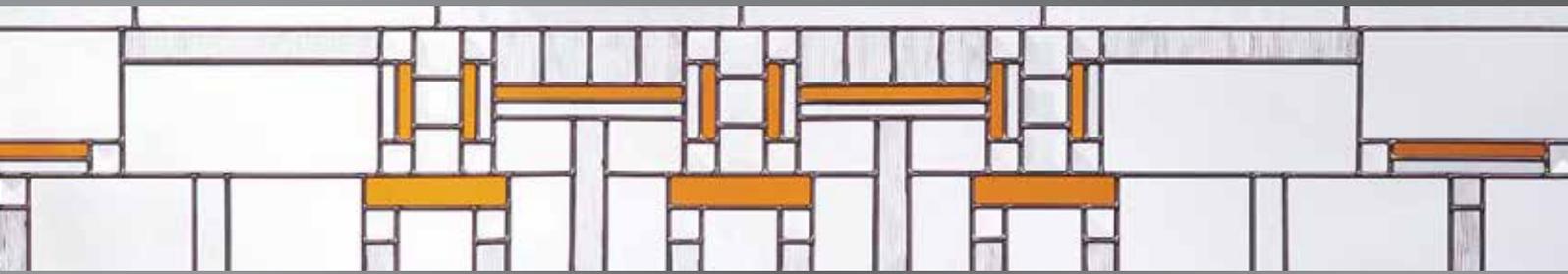


MODEL SHOWN:
L108L/L108R
(Shown in 8'0"
with custom
sized glass)

ENTRY DOORS



MODEL SHOWN: 7533 with 7453 insert (zinc) and standard shelf



7531 (Zinc)
Shown with 7451 insert
Sidelight 7502
Shown with 7455 insert



7512 (Patina)
Shown with 7462 insert
Transom 7598
Shown with 7467 insert



7523 (Zinc) Shown with 7453 insert
Sidelight 7501 Shown with 7456 insert
Transom 7599 Shown with 7458 insert

Transom Glass Options

7598 Transom Options



7457 (Zinc)

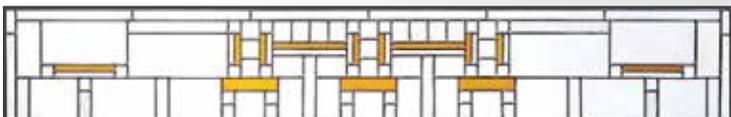


7467 (Patina)

7599 Transom Options



Transom 7458 (Zinc)



Transom 7468 (Patina)

Sidelight Glass Options

7502 Glass



7455 (Zinc)



7465 (Patina)

7501 Glass

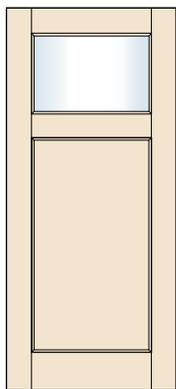


7456 (Zinc)

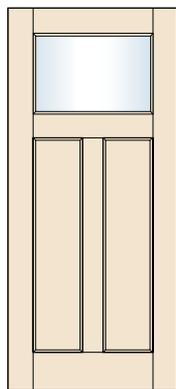


7466 (Patina)

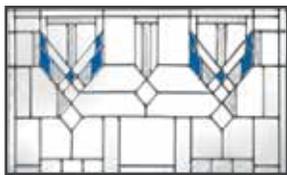
Panel Doors and Glass Inserts



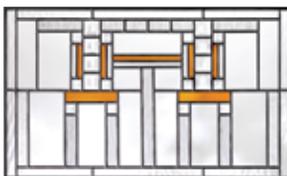
7511



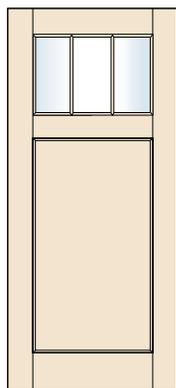
7521



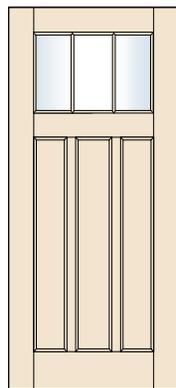
7451 (Zinc)



7461 (Patina)



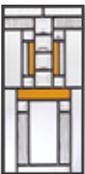
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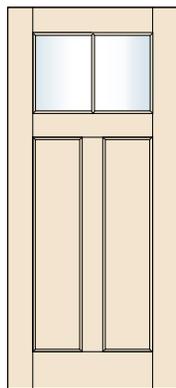
7533



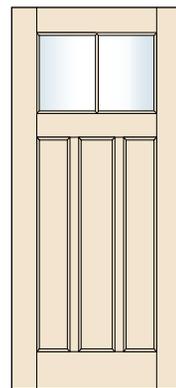
7453 (Zinc)



7463 (Patina)



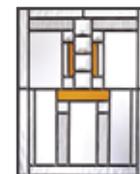
7522



7532



7452 (Zinc)



7462 (Patina)





MO5055 NG

Shown in Rift White Oak with Clear IG

Contemporary Entry Doors

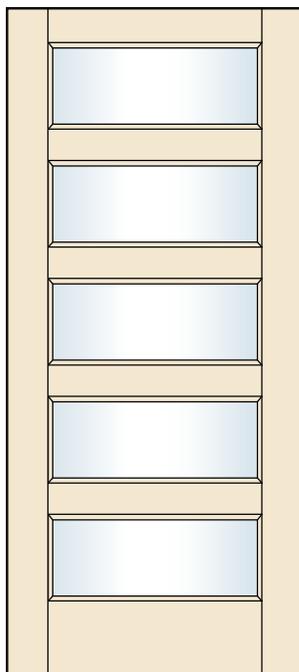
Simply beautiful

Sometimes sleek and spare, contemporary styling always strives for cool and hip. Buffelen's contemporary door styles artfully blend the warmth and comfort of all wood doors with the style and details that define the contemporary space. Add glass for the space expanding views or choose from several species of rich wood veneers to counterpoint the wide-open spaces often found in modern home design. Either way, Buffelen's quality construction merged with contemporary design will bring striking good looks along with safety and security to any modern dwelling.

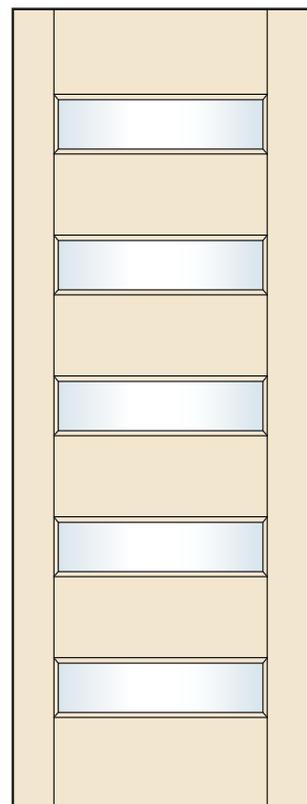


6054 G

Shown in Fir with Clear IG



MO5055 G



MO5055-8NG

C O N T E M P O R A R Y



MODEL SHOWN: MO5055 G



6502
*Shown in Sapele with
white laminated IG*



6530-8
*Shown 8'0" in Sapele
with white laminated IG*



6054G-8
*Shown 8'0" in Walnut with
white laminated IG*

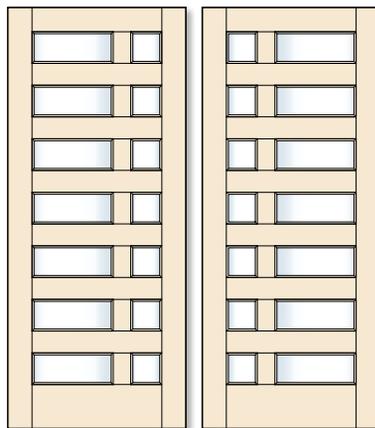


BWC 735
Shown in 8'0" height



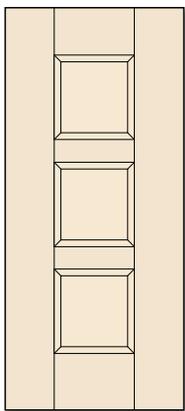
BWC730
Shown in White Oak

Looking for a style not shown?
Buffelen builds custom doors —
see pages 9-11 for more information.

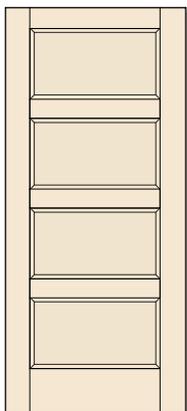


BWC738L

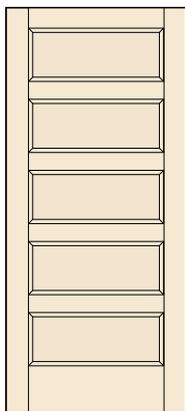
BWC738R



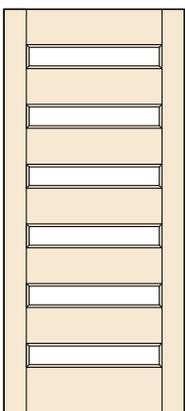
8300



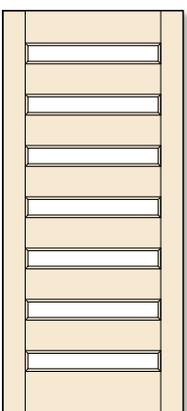
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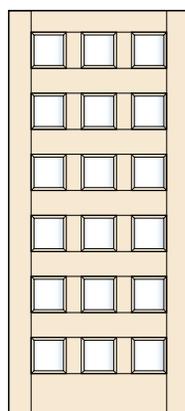
6055



MO5056NG



MO5057NG



6059G







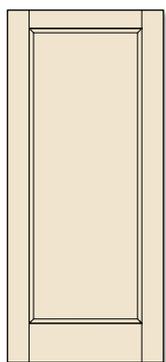
BWC711
Shown in Fir

Entry Doors

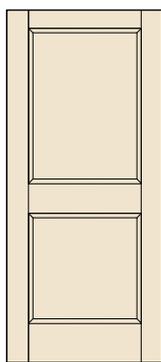
Simply grand entrances

When it comes to Buffelen entry doors, the options are endless. Start here: with a presentation of the largest selection of entry doors in our over 100-year history. As long as your choice is Buffelen, you can't go wrong. An entry door is the first impression that many people have of you. A wood door from Buffelen can make a lasting impression.

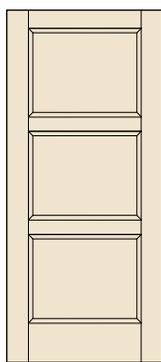
BUFFELEN DOOR SERIES INFORMATION:
See page 6 for details on our 2000, 3000, 4000, 5000, 6000, 7000, and 8000 Series doors.



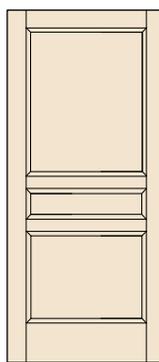
6120



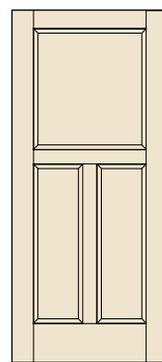
6082



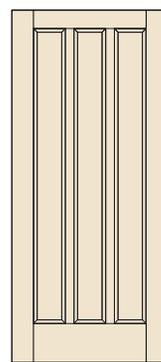
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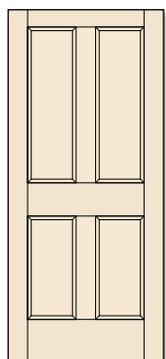
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2063



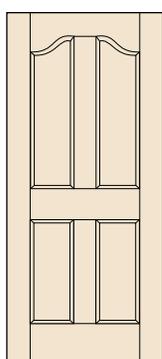
6333



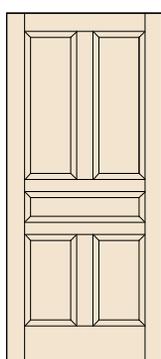
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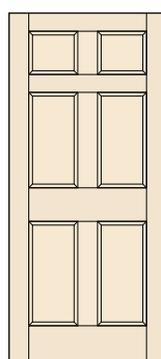
6044
3044
2044



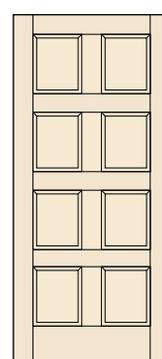
6344
2144



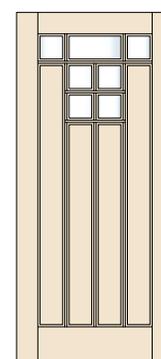
6065
2065



6130
3130
2130



6010
3010
2010



BWC714

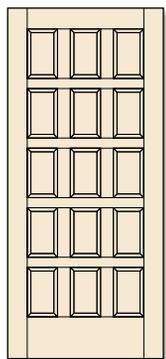
ENTRY DOORS



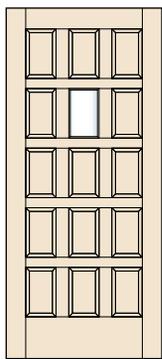
6320 Shown in Fir



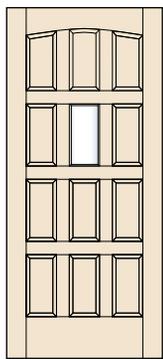
2005
Shown in Fir



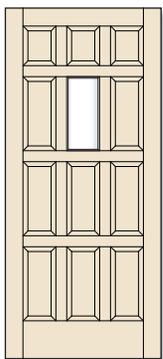
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2060



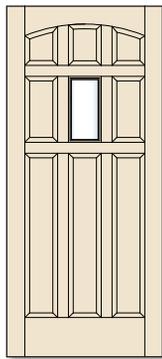
6061
2061



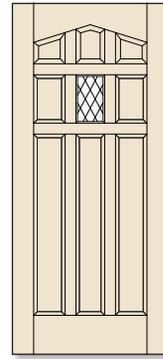
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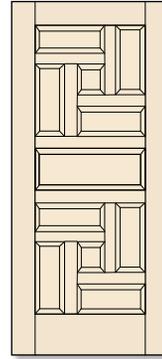
6110



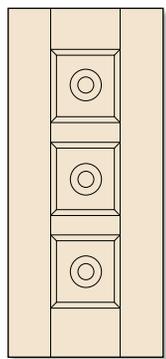
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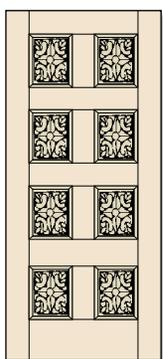
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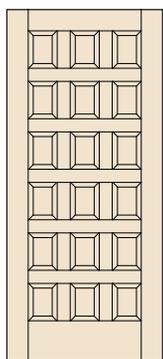
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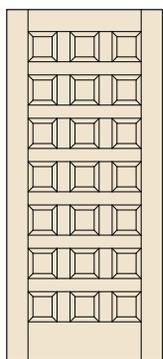
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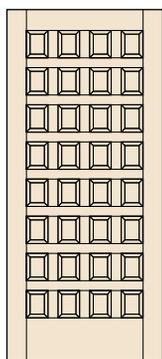
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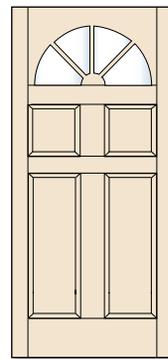
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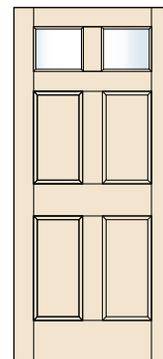
8001



8002



4020
2020



6132
2132



1-3/8" Hip raise beaded panel detail.



7728 Shown in Knotty Alder with inner arch top

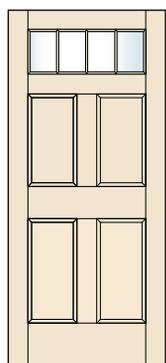


7728 Shown in Knotty Pine

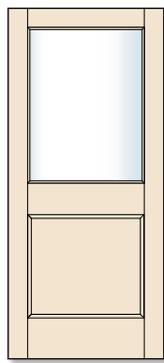


6082 Shown with beaded groove raised panel and inner arch top

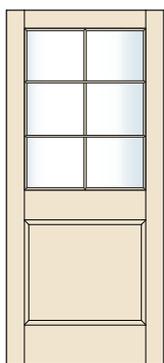
Beaded panels (shown here) are an option for many door designs.



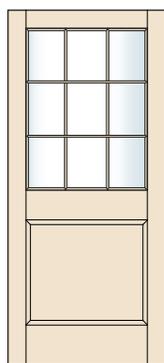
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2134



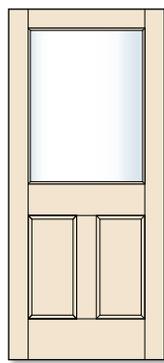
6182
5182



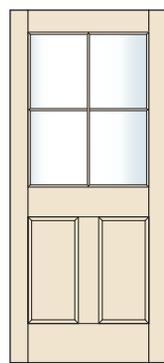
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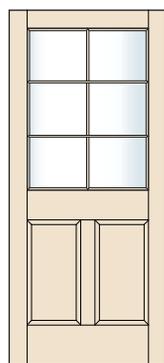
6982



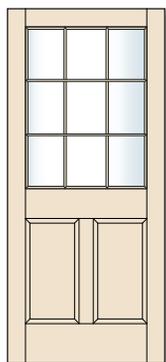
6144
5144



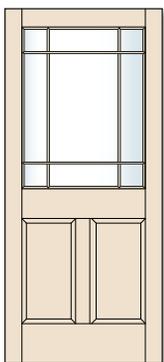
6444



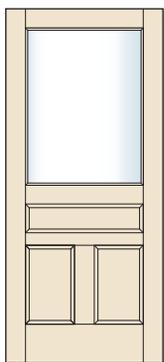
6644



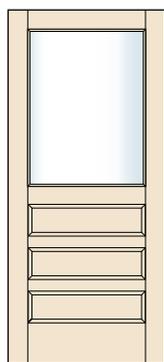
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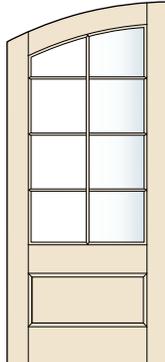
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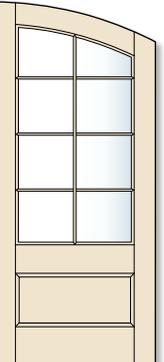
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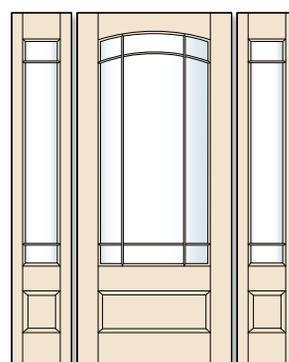
6118
5118



BWC710L

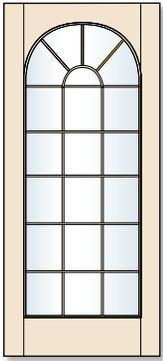


BWC710R

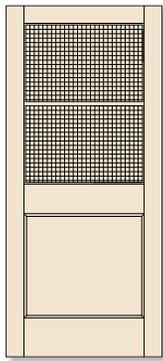


BWC705
Sidelights BWC 705 S/L

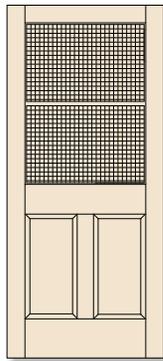
ENTRY DOORS



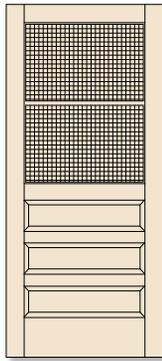
BWC723 (Thermal)
1517 (Non-thermal)



SB182



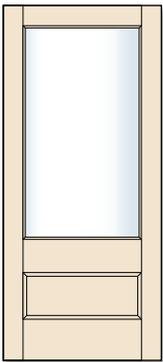
SB144



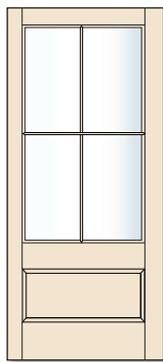
SB118



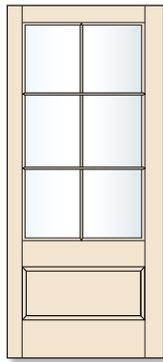
SB182
*Shown in Hemlock with
combo aluminum obscure
and raised panel option*



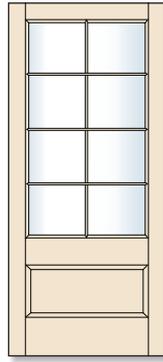
6015
5015



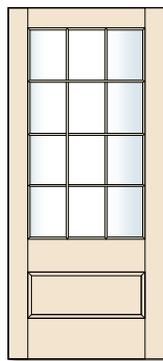
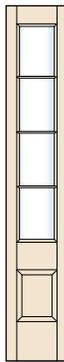
6104
5104



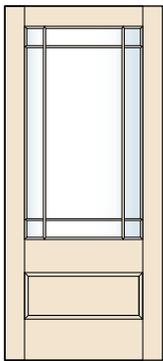
6106
5106



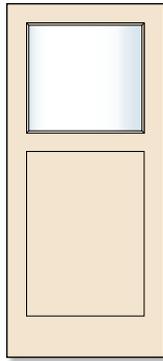
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5105



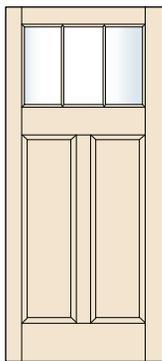
6125
5125



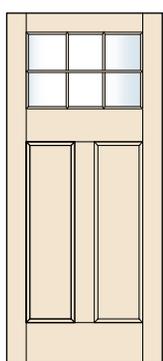
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5598



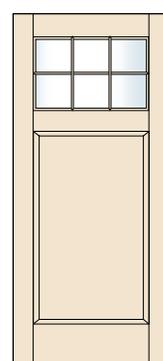
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5108



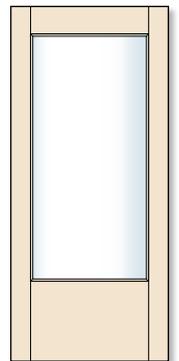
6362
5362



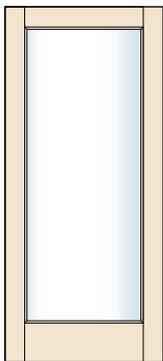
6662
5662



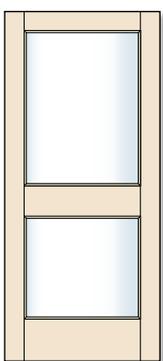
7728



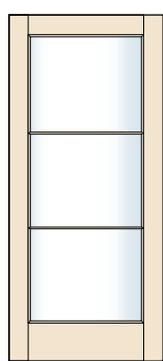
6037
5037



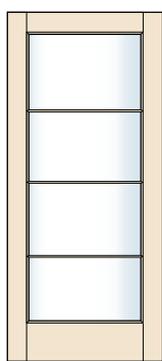
6001
5001



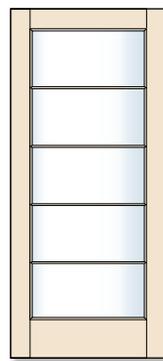
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5502



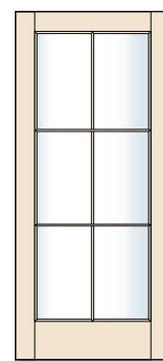
6503
5503



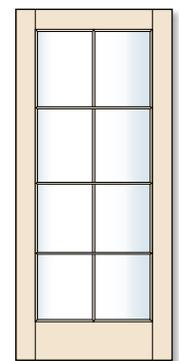
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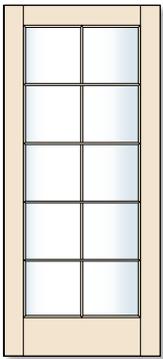
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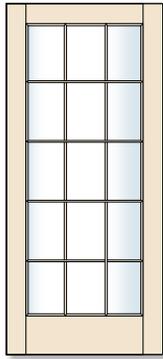
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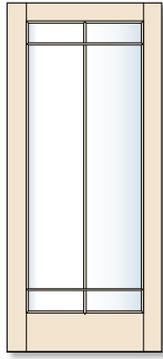
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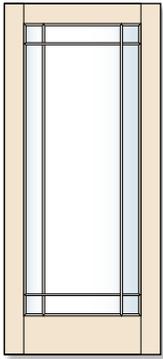
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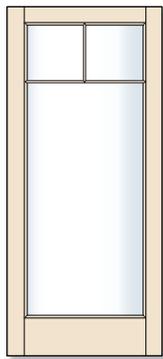
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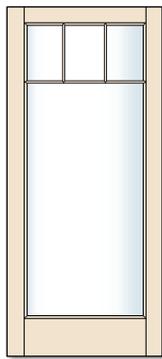
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6599
9-Marginal Lite



6542
5542

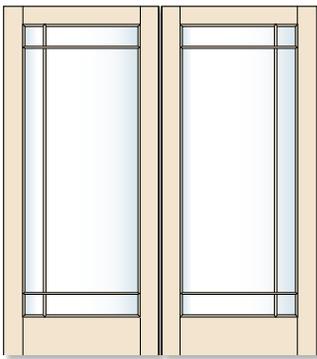


6543
5543

5599
9-Marginal Lite

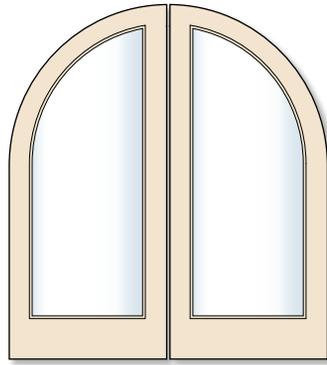


MODEL SHOWN: 6599 with 6709 sidelight



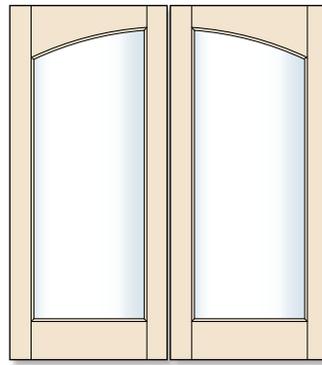
6596L
5596L

6596R
5596R



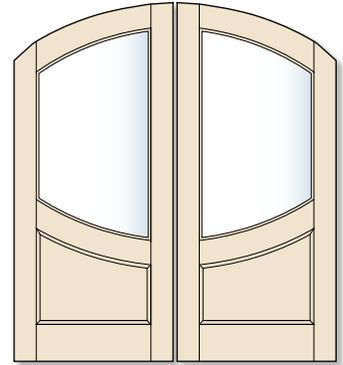
6549L
5549L

6549R
5549R



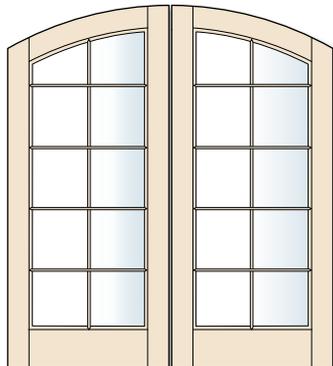
6547L
5547L

6547R
5547R



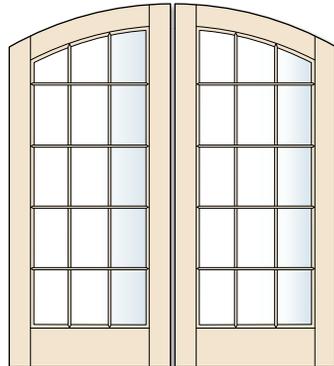
BWC703L

BWC703R



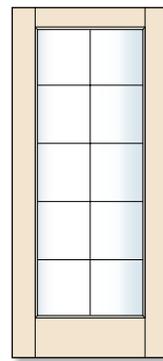
6553L
5553L

6553R
5553R

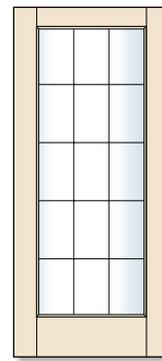


6552L
5552L

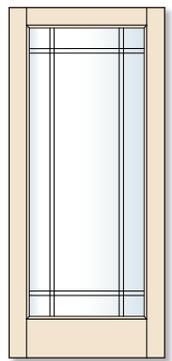
6552R
5552R



5510V* (10-Lite)
V-groove



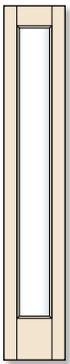
5515V*



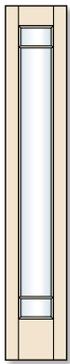
5595V*
9-Marginal Lite
Double V-groove

*Thermal

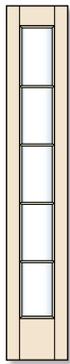
SIDELIGHTS & TRANSOMS



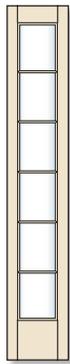
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5701



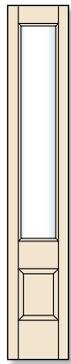
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5709



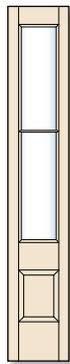
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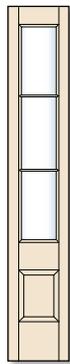
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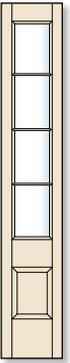
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5801



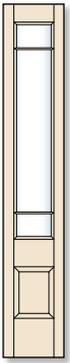
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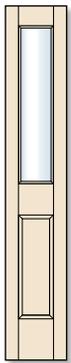
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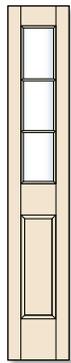
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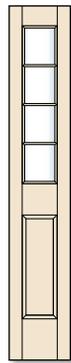
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5798



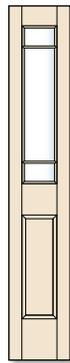
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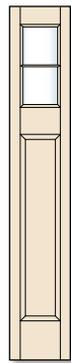
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5703



6704
5704



6743
5743



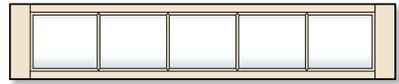
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5762



6901



6903



6905



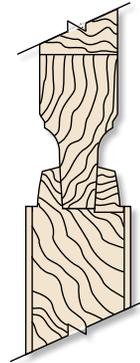
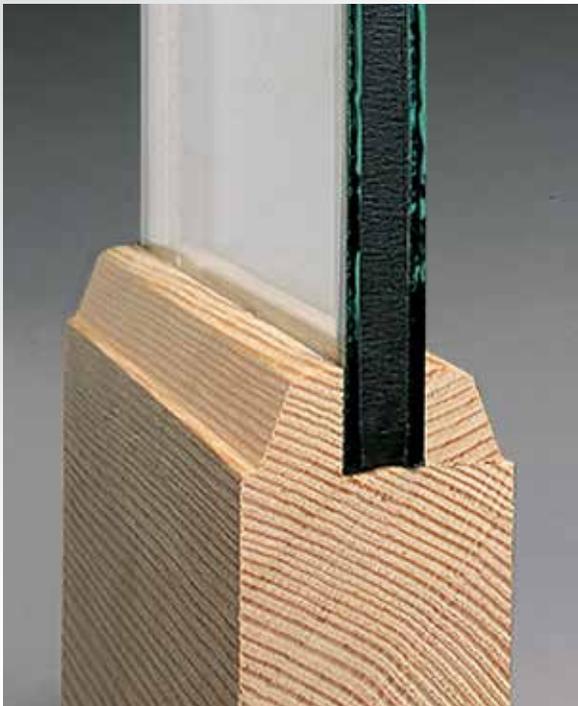
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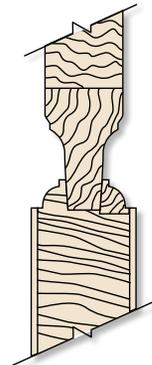
6912



6913



Thermal Bevel
5000 Series



Ovolo Profile
6000 Series

The beauty of state-of-the-art machinery is seen in perfectly fitting components that insure a door that will stand up to the elements and the abuse of daily use for generations. It's how we've built our doors since the plant opened over a century ago, and what the Buffelen name stands for today.

Thermal

Doors with an energy conscience

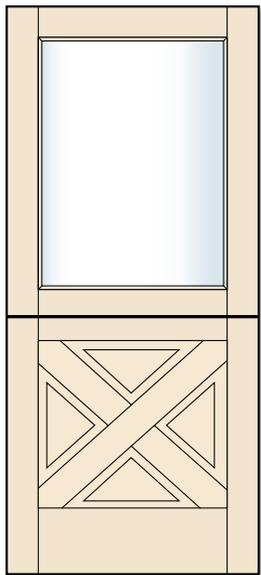
Buffelen wood doors are natural insulators as well as natural beauties. Our thermal glazed doors manufactured with optional low-E coating are designed to allow for high solar gain, moderate solar gain or low solar gain, without affecting visibility. Then consider the glass component itself: double pane insulated or non-insulated safety glass, in solar gray or solar bronze tints or low-E coating. The R-values can reduce your heating and cooling bills, as well as adding dollar value because you're creating an energy smart home.

MODEL SHOWN: BWC741L/BWC741R

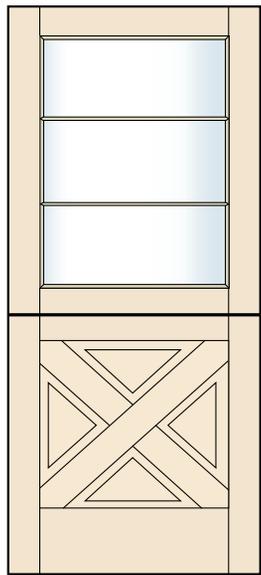
DUTCHED & RABBETED DOORS



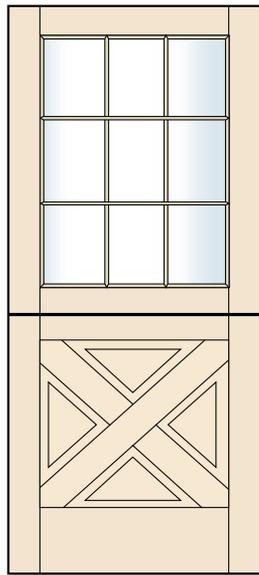
MODEL SHOWN: 944



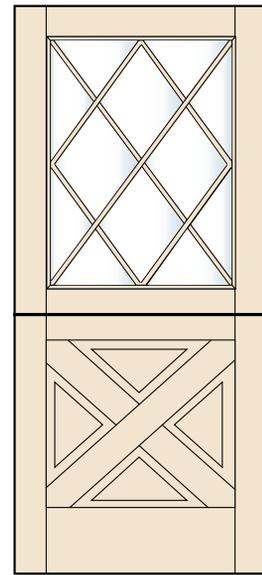
6031
5031
2031



6933
5933
2033



6931
5931
2035



6039
5039
2039

Various door designs can be dutched and rabbeted.

Net lock rail is 8-13/16", bottom rails are overall 8-1/4" on Buffelen dutched and rabbeted doors.



6944
944

Dutch Doors

Dutch doors are all about being flexible. Open the top when you need a little ventilation, keeping everything secure down below. Kids and pets are safely kept from roaming, while the open top allows the breeze to drift in from the garden beyond. It is the best of both worlds.



Buffelen's optional bladder press panel is available as shown.

Net lock rail is 8-13/16"; bottom rails are overall 8-1/4" on Buffelen dutched and rabbeted doors.



All dutch doors are rabbeted, unless specified as not rabbeted.



Weather stripping option for dutch and rabbeted door.



6039
2039



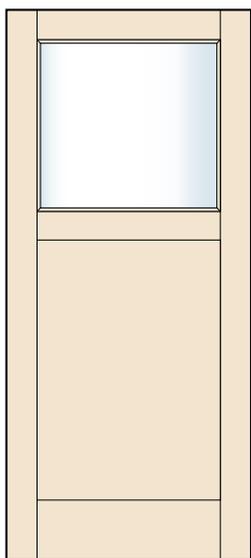


182

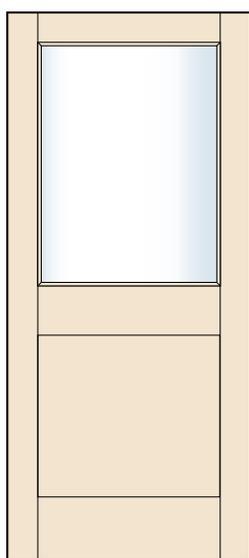
Shown with raised bladder-pressed panel option

Sash Doors

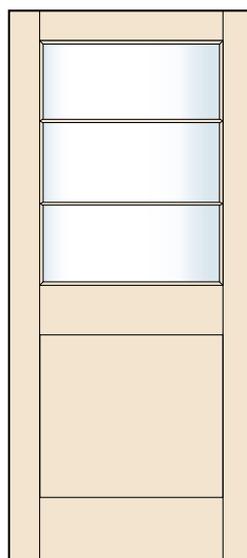
Combining the warmth of wood with the room expanding views that glass panels add, sash doors have a way of opening up interior spaces beautifully. They bring natural light into enclosed spaces yet, with more than twenty different glass options to choose from, they can allow for privacy and security at the same time. And, because they're Buffelen Doors, you'll feel the difference immediately—the feel of quality wood doors that creates a sense of safety, warmth and comfort.



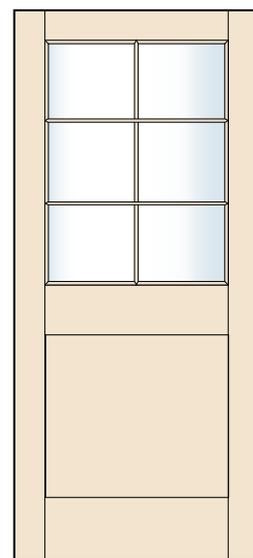
108



182



382

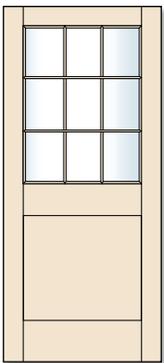


682

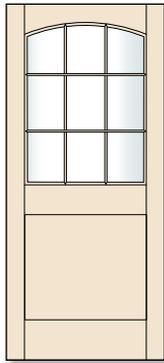
SASH DOORS



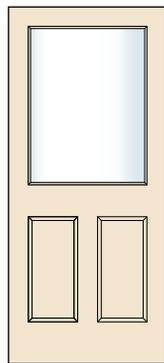
MODEL SHOWN: 6946



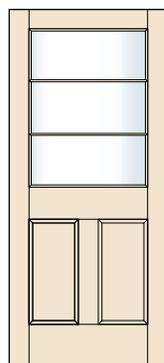
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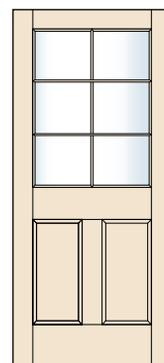
982A



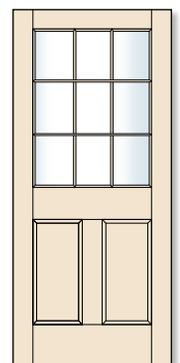
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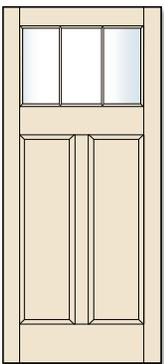
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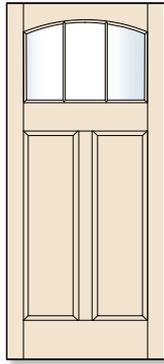
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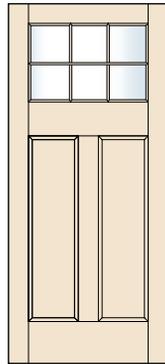
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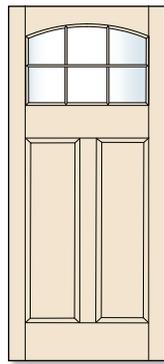
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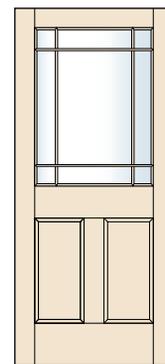
362A



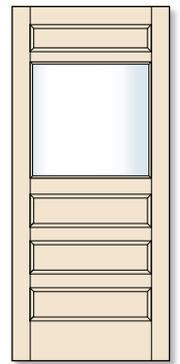
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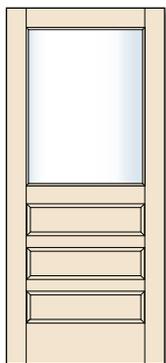
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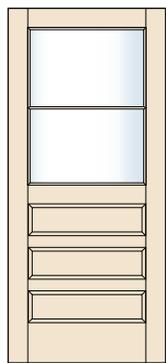
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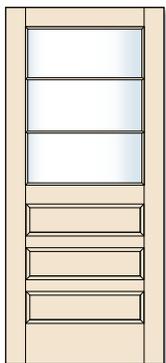
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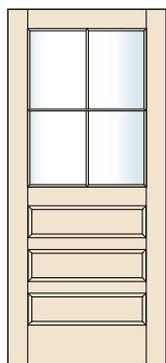
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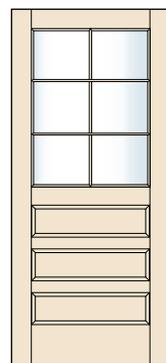
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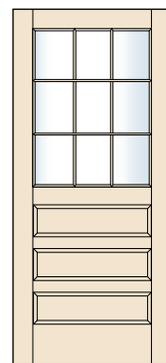
318



418



618



918



Buffelen's optional bladder press panels won't crack, split, expand, or shrink. Available in most species.



See pages 100-101 for glass options.



MODEL SHOWN:
662 with beveled glass
and mission sticking



Fire-Rated Doors

Safe and environmentally sound

Yes there's code. Talk to your architect. And then there's your personal code—of what is safe and sound for you and your family. Your best answer is to trust the fire-rated doors from the wood door manufacturing company that has been working to gain your trust for over 100 years—Buffelen Woodworking. Fire-rated doors are made in most species in sizes up to 3'6" x 8'0".



M9033
Shown with Flat Panels



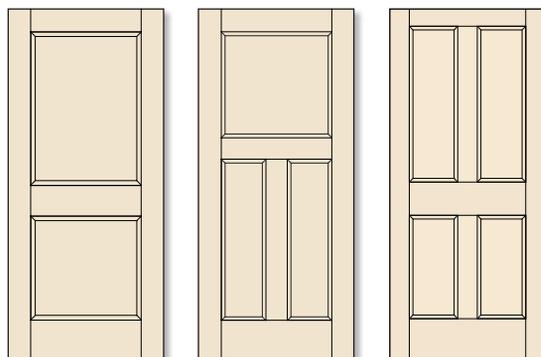
9010
Shown with Raised Panels

20 Minute Fire-Rated Doors

Flat panel or bladder press raised panel. 20 minute fire rated doors are also available in MDF. Machining and pre-hanging is available for fire-rated doors.



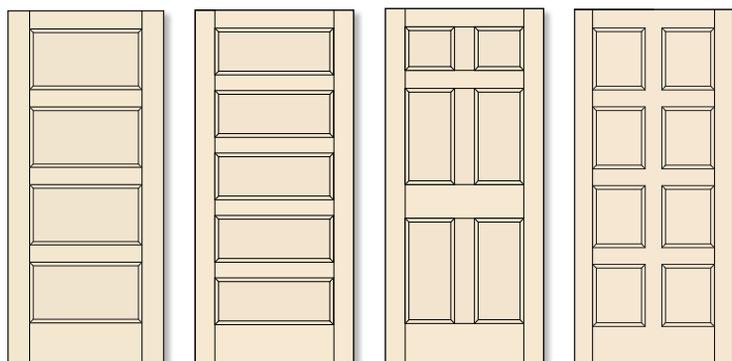
Cross section of bladder press fire door panel.



9082

9033

9044



9054

9055

9130

9010

45-60-90 Minute Fire-Rated Doors

Most panel door designs in many species are available. Segmented and inner arch top doors can be built to the 45-60-90-minute specifications. Machining and pre-hanging is available for fire-rated doors.

MAXIMUM SIZES

45, 60, & 90 Minute: Single **3'6" x 8'0"**

45 & 60 Minute: Double **7'0" x 8'0"**

Both A & B category doors are available.

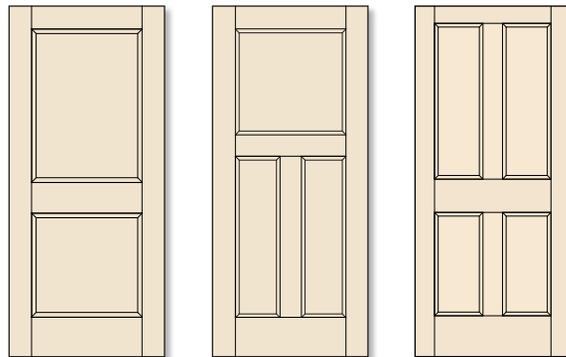
THICKNESS

45 & 60 Minute: **1-3/4" or 2-1/4"**

90 Minute: **2-1/4"**



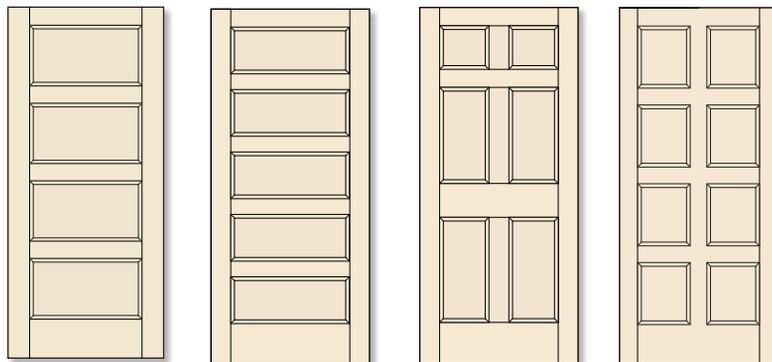
45-60-90 minute fire-rated doors are built with a special material layered into the core for maximum protection.



9082-45
9082-60
9082-90

9033-45
9033-60
9033-90

9044-45
9044-60
9044-90



9054-45
9054-60
9054-90

9055-45
9055-60
9055-90

9130-45
9130-60
9130-90

9010-45
9010-60
9010-90





BW82LL
Shown in Hemlock

Louver Doors

They call to mind the look and feel of the tropics. Privacy with the easy circulation of cooling breezes — it's what the louvered door was designed to bring to your home. Buffelen has engineered this classic look with a variety of options that enhances the beauty of any décor. For ventilation, plantation slats maintain privacy while allowing air to circulate freely. Chevron slats retain the look of open slats; yet maintain the security of a solid panel door. Chevron slats available in either vented or non-vented versions. Fully-operable louvers are available in various designs and species. They're built with all the craftsmanship and pride that Buffelen brings to every door we make.

Buffelen's fully-operable plantation louvers shown here



LOUVER DOORS



BW20L
*BW20LCHEV



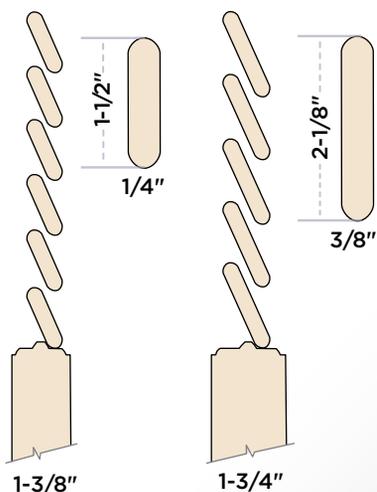
BW22LL
*BW22LLCHEV



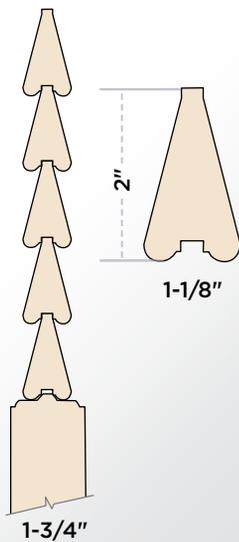
BW82LL
*BW82LLCHEV

SLAT OPTIONS

PLANTATION SLATS



CHEVRON SLATS



All Buffelen Plantation Louver doors feature slats that are fully mortised into the door stiles. This provides the strength and security of a solid panel door with the look and ventilation louvers are known for.

Louver Doors

Create your unique version of the Plantation Louver Series in a few simple steps — just select a door style, size and species and Buffelen will handle the rest. Matching jamb components and detailed CAD drawings available. Louvered bifolds and special sizes are also easily accommodated, just ask your Buffelen dealer for a quote.



BW82LP
*BW82LPCHEV



BW82PL
*BW82PLCHEV



BW44LP
*BW44LPCHEV

*Denotes Chevron Louver





48

Panel Doors

A thousand ways to master your interior

There's nothing like a quality wood Buffelen stile and rail interior door—to create a sense of safety, warmth and comfort. How can you tell the difference between a quality wood door and one that's not? It's the weight, the feel, and the sound of the door when you close it. If it doesn't feel safe and sound, chances are you won't either.



20
Shown In Fir



66
Shown In Knotty Pine



82
Shown with inner arch, in Knotty Alder

INTERIOR DOORS



1120CB
Shown in Knotty Alder
with magnetic chalk board



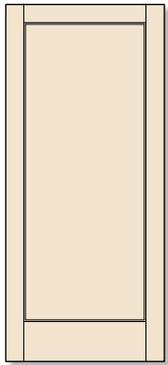
1181CB
Shown with magnetic
chalk board



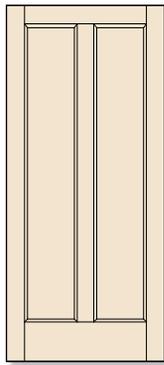
1182CB
Shown with magnetic
chalk board



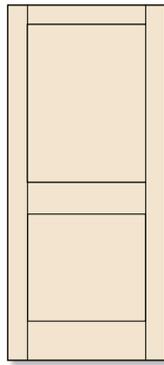
1120WB
Shown in Knotty Alder
with magnetic white board



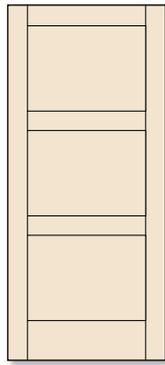
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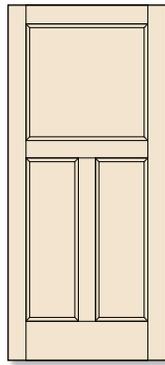
2002



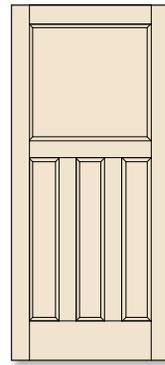
82



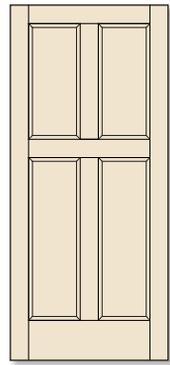
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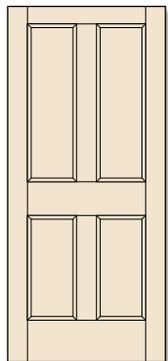
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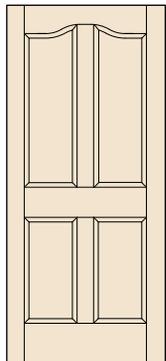
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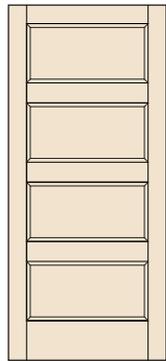
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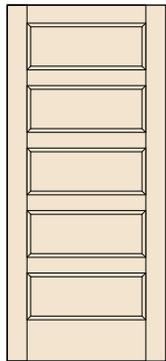
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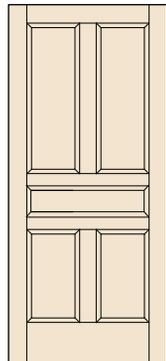
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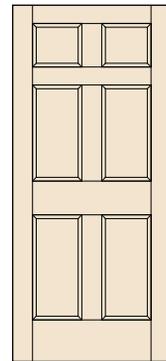
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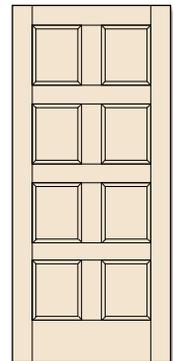
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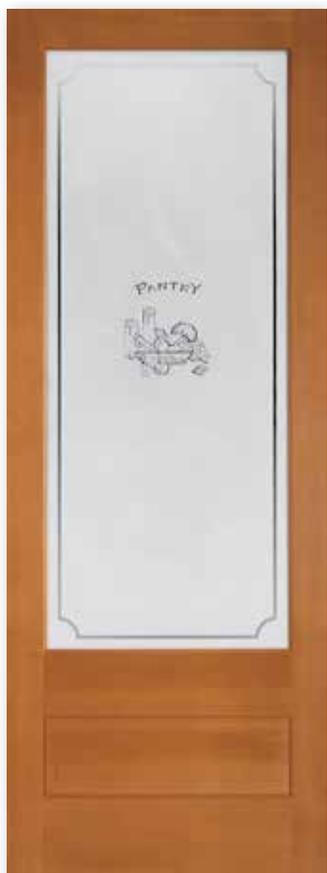
65



66



88



7119 (8'0")



7019 (6'8")



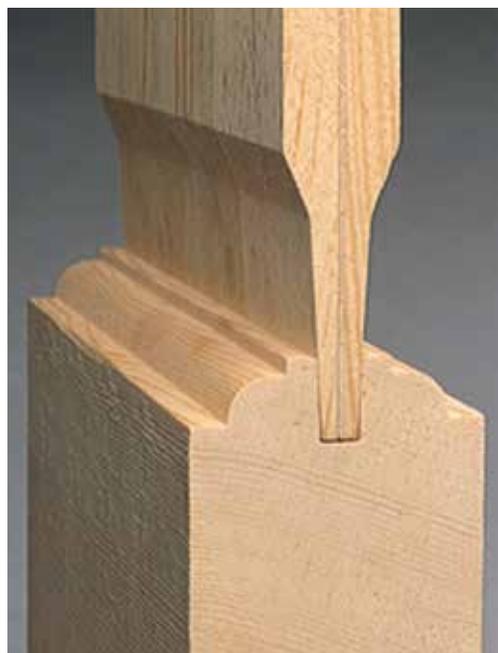
7019 (shown in 6'8" height)



B30R Clip Door



1501 with Mirror



Buffelen's split proof panel



French Doors

Real wood French doors from Buffelen can draw you into the environment. They can give your home a sense of connection to the earth—letting the outdoors in or the indoors out. They can be used as the perfect accent to any home, as an entry door, as an interior door, as an atrium door, as a patio door to the garden of your dreams.



1501
Shown in White Maple
with Bamboo Glass



SYCAMORE



BAMBOO



DELTA FROST



1501
Shown with Sycamore Glass



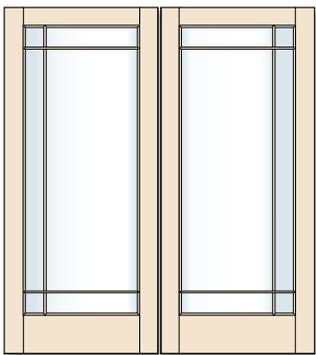
1610
Shown in Knotty Pine

Additional glass options available on pages 100-101

FRENCH DOORS

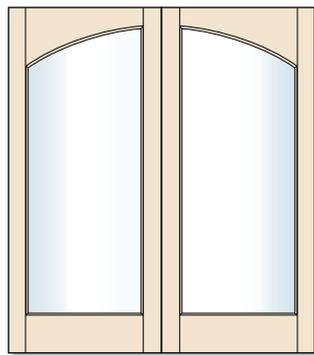


MODEL SHOWN: 6001s



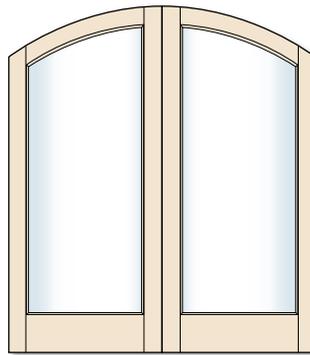
1596L

1596R



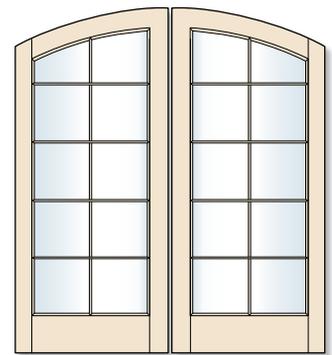
1547L

1547R



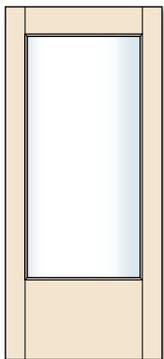
1548L

1548R

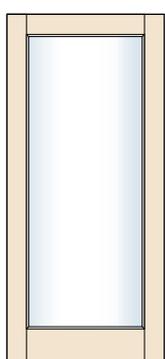


1553L

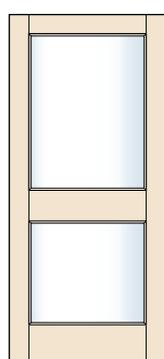
1553R



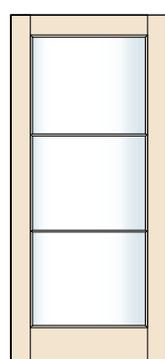
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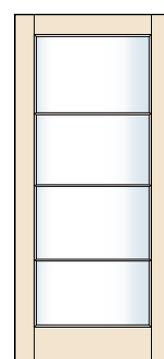
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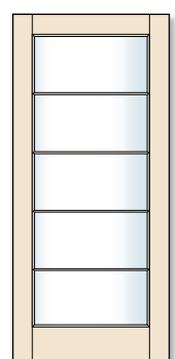
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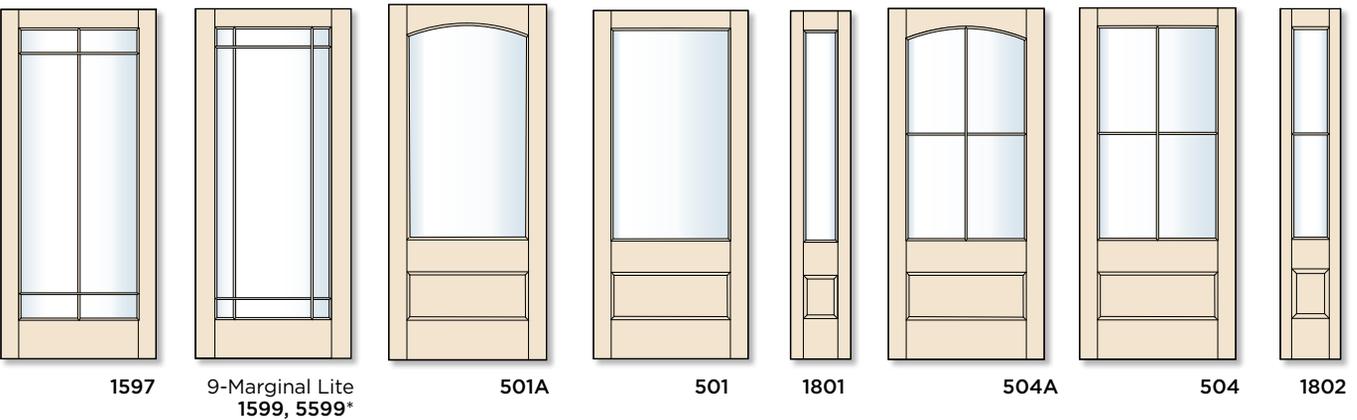
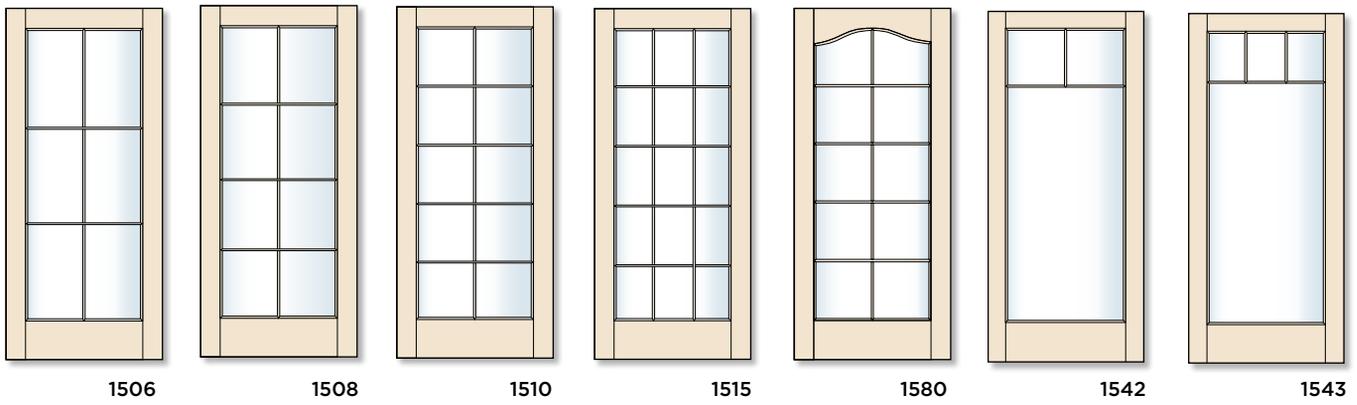
1503



1504

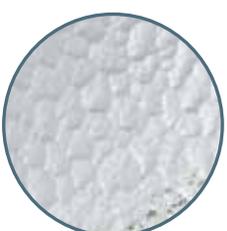


1505




TAFFETA TEMPERED GLASS


NARROW REED TEMPERED GLASS


MONUMENTAL TEMPERED GLASS

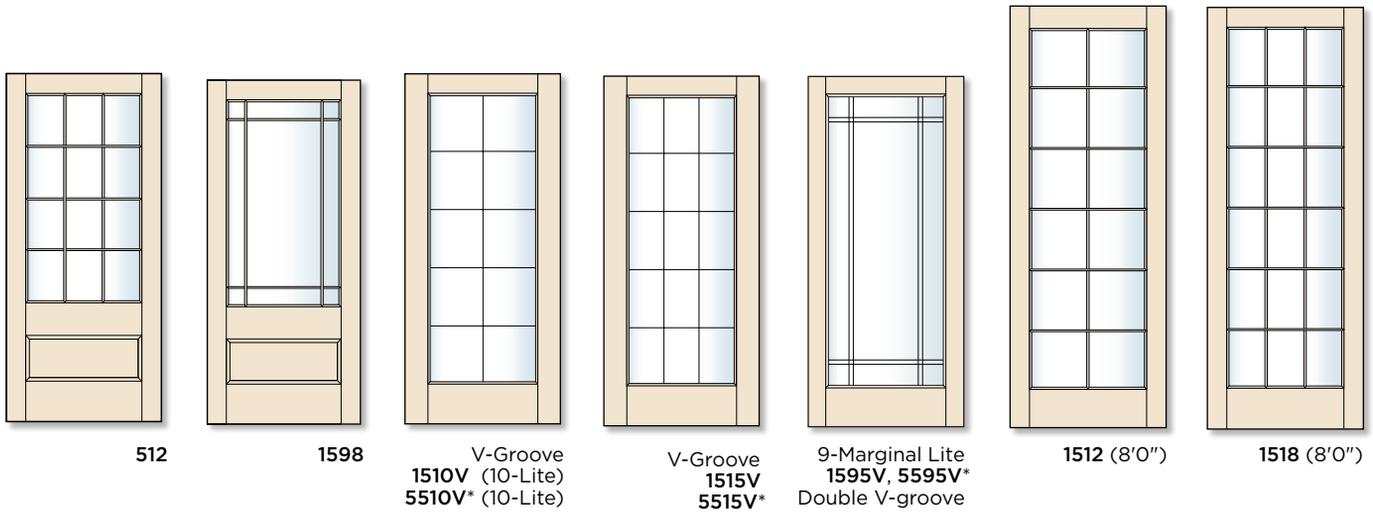


Glass is a major element in the look of French doors. Buffelen offers over twenty options—from the total privacy of obscured glass to complete transparency that enhances the view. All tempered glass for safety, and all in a door with the Buffelen name.

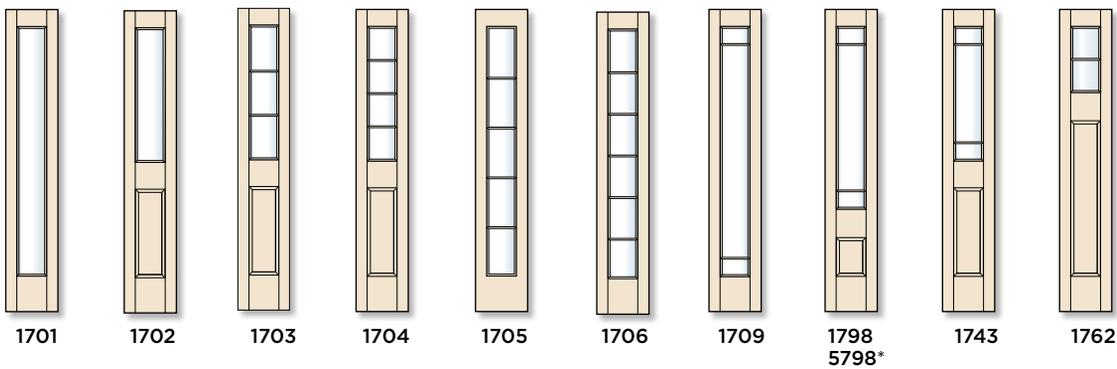
*Thermal

Additional glass options available on pages 100-101

FRENCH DOORS



SIDELITES

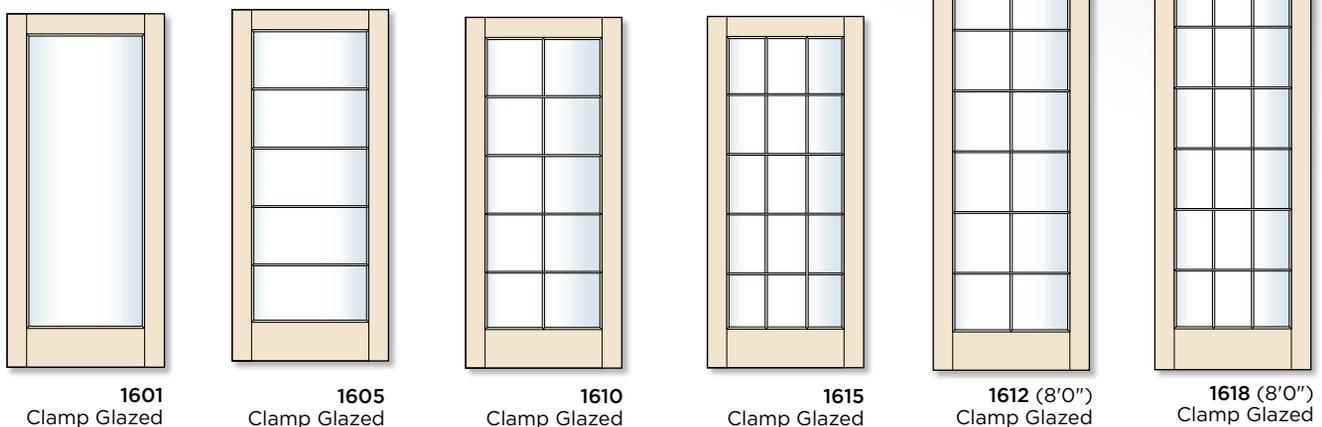
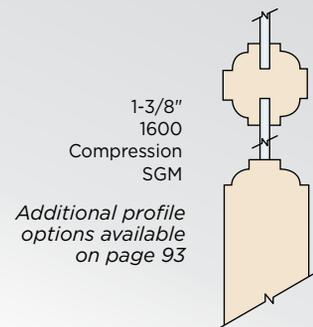


*Thermal

CLAMP GLAZED DOOR CONSTRUCTION

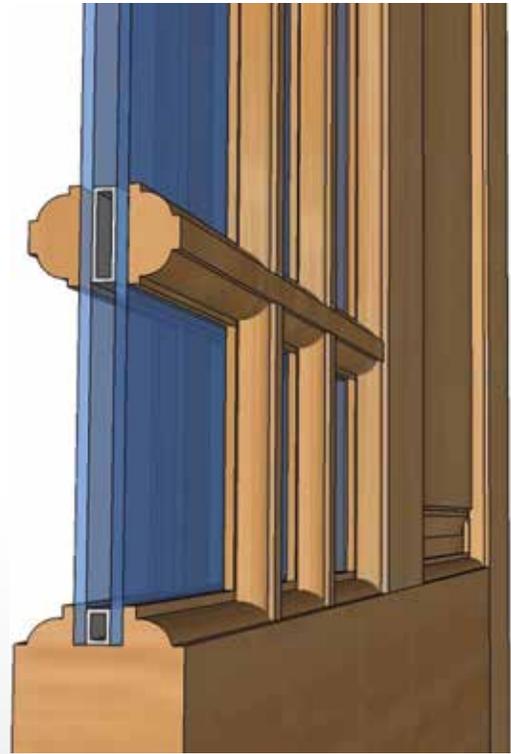
Buffelen offers clamp glazed (also known as compression glazed) doors as an option for most interior glazed doors. In clamp glazed doors, the glass is assembled at the same time the door is glued and clamped. There are no loose stops or mouldings that require brads. Because the glass is covered with a protective film when assembled, pre-finishing becomes much easier—just stain and finish before removing the film.

Clamp or compression glazed doors are available as an option to most French door designs with no panels. Glazing is available in 1/8" clear glass only.

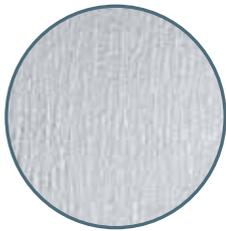


SIMULATED DIVIDED LIGHTS

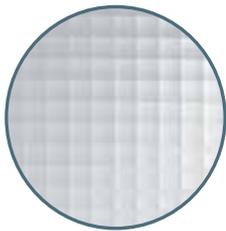
Simulated Divided Lights (SDL) have the appearance of true divided lights, but they are more energy efficient in that they are applied to only one piece of glass.



SDLs shown with internal grid. Available with or without the internal grid.



RAIN
TEMPERED
GLASS



CROSS REED
TEMPERED
GLASS



FLEMISH
TEMPERED
GLASS



V-Groove 1595V
V-Groove 5595V*



1501 with Narrow
Reed Glass



Detail:
V-Groove
Glass
10-Lite
15-Lite



Detail:
9-Marginal
V-Groove
Glass

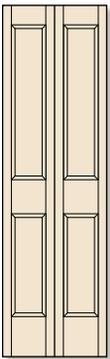
*Thermal

Additional glass options available on pages 100-101

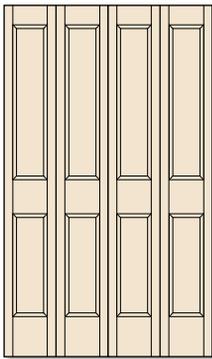
B I F O L D D O O R S



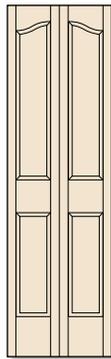
RAISED PANEL BIFOLDS



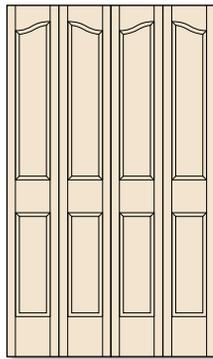
44-2



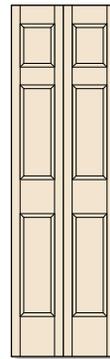
44-4



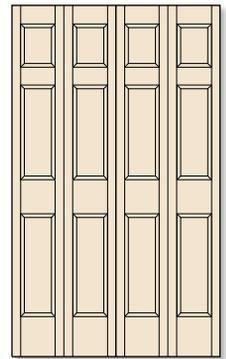
48-2



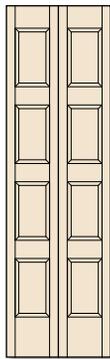
48-4



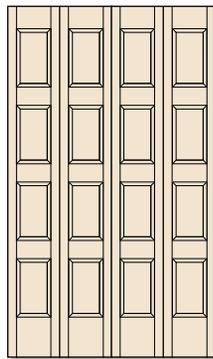
66-2



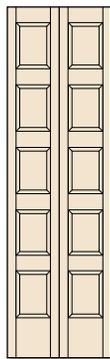
66-4



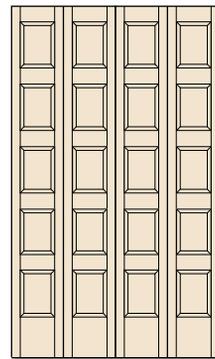
88-2



88-4

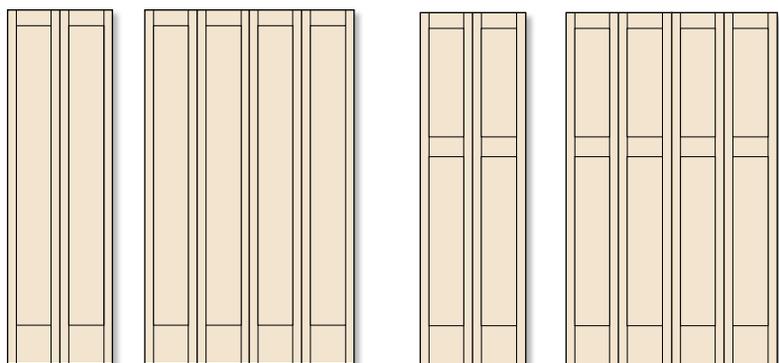


55-2



55-4

MISSION STYLE (FLAT PANEL) BIFOLDS

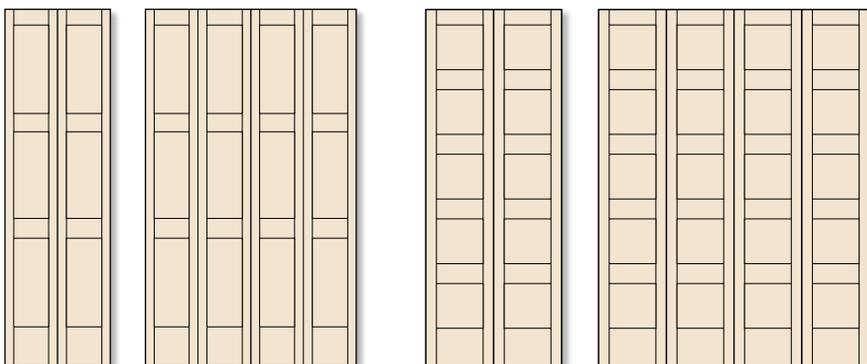


M20-2

M20-4

M33-2

M33-4



M30-2

M30-4

M55-2

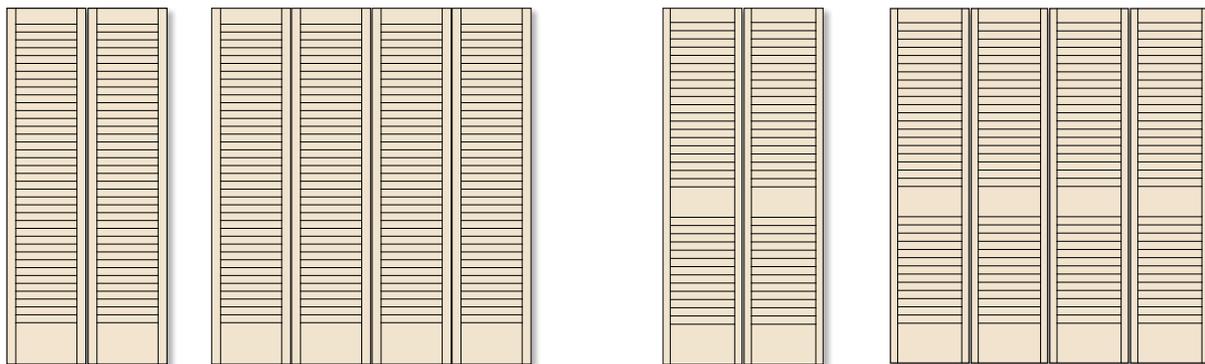
M55-4

Bifolds

Don't overlook quality in the closets

When you're looking for quality built into a home, don't overlook the smallest of places—in the closet. And don't accept anything less than the best. The answer is wood bifold doors from Buffelen—that match the rest of the doors in the house. They could be done in beautiful vertical grain Douglas Fir or Hemlock. Or various other species. But they should be done right, right?

LOUVER BIFOLDS



BW20LBF-2

BW20LBF-4

BW82LLBF-2

BW82LLBF-4



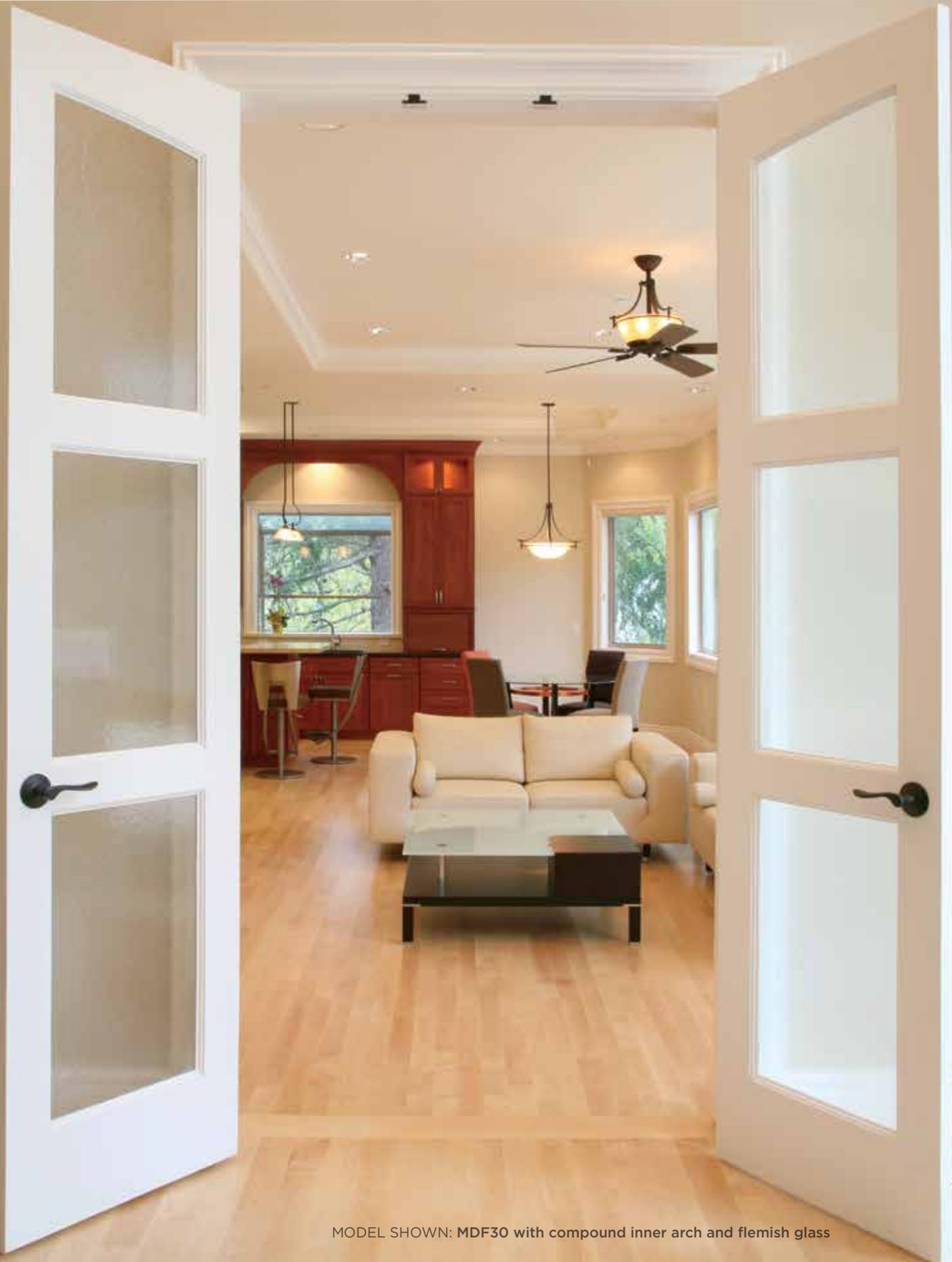
BW82LPBF-2

BW82LPBF-4

BW82PLBF-2

BW82PLBF-4

M D F D O O R S





MDF113 Shown 2'6" x 6'8"

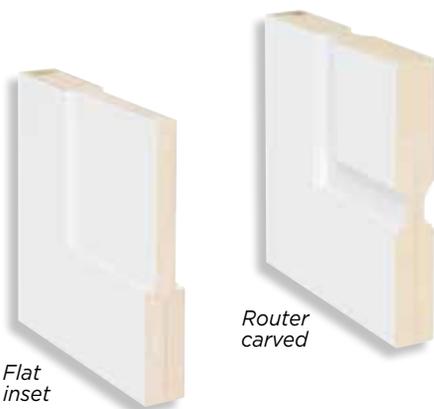
The Buffelen MDF Story:

A match for every style

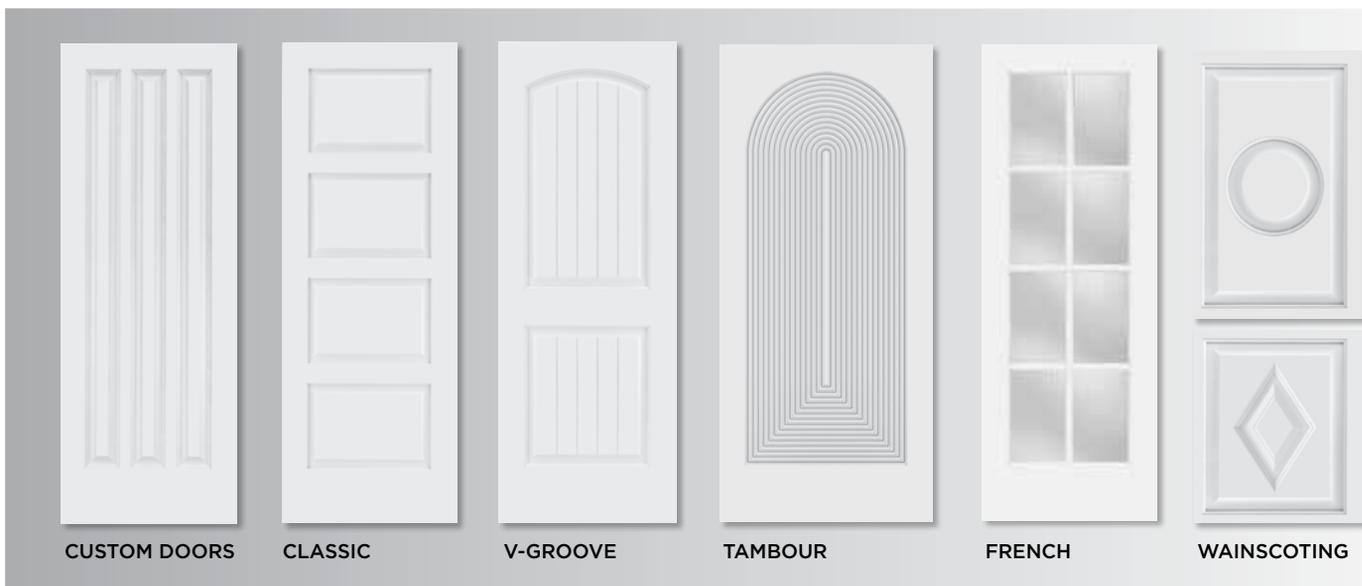
Like every other door we manufacture, Buffelen's new router-carved MDF door series has a lot going for it. They are made with laminated medium density MDF, an engineered board that has excellent properties for making doors. They offer superior room-to-room sound proofing, will never check, warp, or crack, and have a smooth surface that's perfect for painting. But, best of all, they're part of the Buffelen family of superior quality door products.

MDF FIRE DOORS

20-minute fire doors are available in MDF.



TECHNOLOGY	72	TAMBOUR DOORS	81
CUSTOM DOORS	73	FRENCH DOORS	82
CLASSIC DESIGNS	74	WAINSCOTING	82
V-GROOVE DOORS	81	PROFILE OPTIONS	83



CUSTOM DOORS

CLASSIC

V-GROOVE

TAMBOUR

FRENCH

WAINSCOTING

M D F T E C H N O L O G Y

LAMINATED PANELS
FOR INCREASED
STRENGTH

PROFILES AND PANEL CONFIGURATIONS
CAN BE MATCHED THROUGH THE
BUFFELEN LINE

CONCEALED
HARDWOOD STRIPS

CROSS SECTION
CUT-OUT OF
ASSEMBLED
DOOR

MDF doors built the *Buffelen* way.

*Tradition builds on the past.
Technology builds on the future.*

Buffelen's router carved MDF door line is manufactured on a state-of-the-art CNC machining center. The interior application doors utilize solid laminated MDF board for structural integrity and design flexibility. All doors feature concealed wood hinge strips for hinge loading, screw holding and weight support. Top rail strips for pocket and bypass doors are available upon request. MDF will not rot, split or check and offers enhanced sound barriers in room-to-room settings.

**MDF WILL NOT ROT,
SPLIT OR CHECK AND
OFFERS ENHANCED
SOUND BARRIERS
IN ROOM-TO-ROOM
SETTINGS.**

Buffelen MDF doors are built to either 1-3/8" or 1-3/4" thicknesses, laminated from two sheets of solid, double-refined MDF panels after all profiles have been routed. This allows us to engineer in solid wood blocks to provide better holding power for load bearing screws, hinge loading and weight support. This means long term stability and strength.

Before leaving our plant, every door is fully primed using our specially formulated primer. Only light sanding is required prior to painting. After sealing on all six sides, these doors will not expand or contract from changes in humidity or moisture.

Best of all, we can match the style of your solid wood Buffelen doors with panel configurations that are consistent from one part of your home to the next. It's all part of the heritage of craftsmanship we've earned over the last 100 years.

The possibilities are endless...

Match interior and exterior door designs and more



CUSTOM DESIGNED DOORS CAN BE MADE IN BOTH MDF OR WOOD.

MATCHING EXTERIOR DOORS

Buffelen solid wood doors are truly beautiful—stained and finished, they highlight the beauty of the wood, providing a focal point in your home. But, there are always those spaces that cry out for a painted alternative, but one that still matches the wood door designs in your home. Now there's an alternative. MDF interior doors can be matched to most door designs Buffelen makes. Even custom designs can be matched in MDF.

You can even order custom MDF wainscoting panels to match. Sharing the same design of the doors, wainscoting provides a beautifully finished appearance to any room.

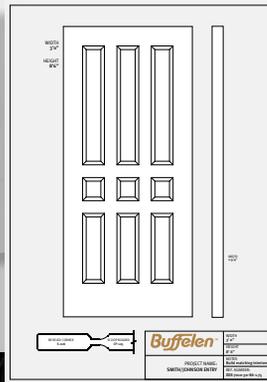


MDF7103



7103 Welmont

Match interior and exterior door designs. Welmont exterior door shown in fir.



CUSTOM DOORS MADE TO ORDER

What is a custom door? Often, it starts with a quick sketch from the architect's hand, or an idea that springs to life from the cocktail napkin where it was born. Either way, it is a quality door that's made to order. Nothing is out of bounds. After all, that's the definition of a custom door.



CLASSIC DOORS



Classic, raised panel styling with profiles and panel configurations that blend comfortably with virtually any décor, all precisely carved from solid MDF. These doors combine the weight and feel of solid wood with the finish, security and acoustic properties that MDF does best.

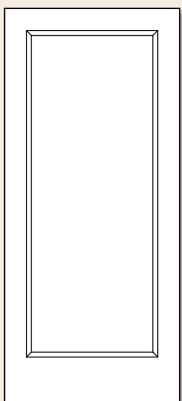
Standard thickness 1-3/8" or 1-3/4" but custom thicknesses are also available. Doors can be customized to any size up to 4'3" x 9'8". Square top, arch top and radius top doors are available.

MDF82

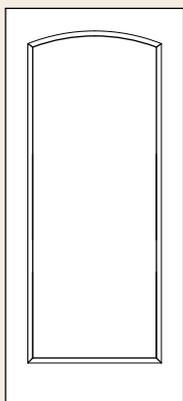
Shown 2'6" x 6'8"



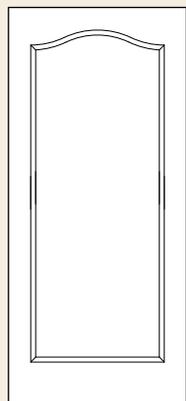
Please Note: You must specify at time of ordering if your MDF door is being used as a pocket door



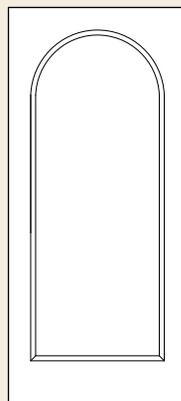
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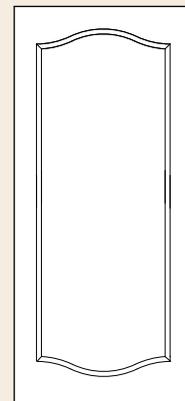
MDF20A



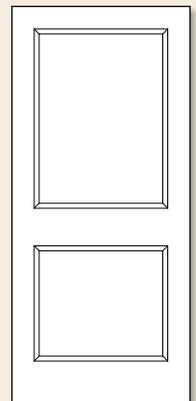
MDF20E



MDF20R



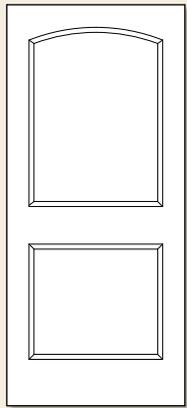
MDF100E



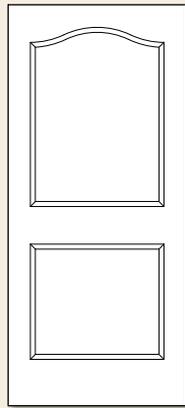
MDF82



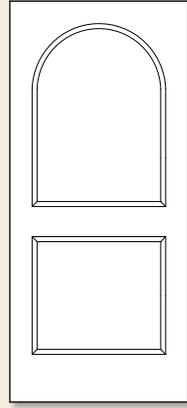
MDF2006 Shown 2'6" x 6'8"
 Door designs can be built in custom sizes up to 4'3" x 9'8"



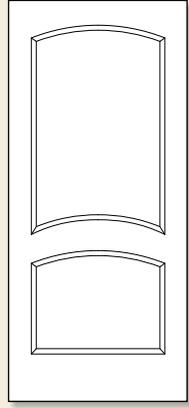
MDF82A



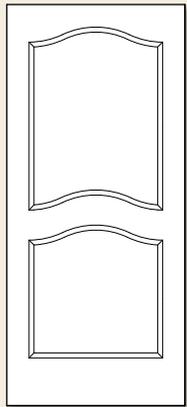
MDF82E



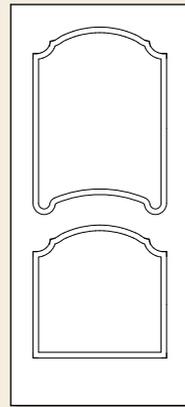
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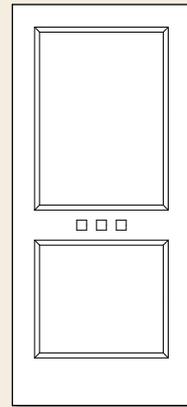
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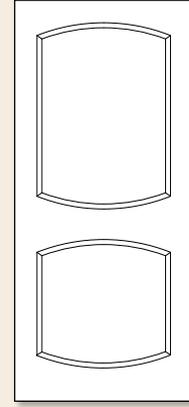
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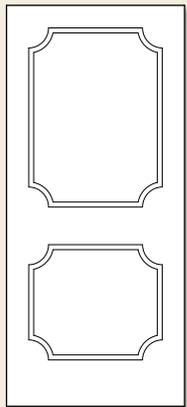
MDF90



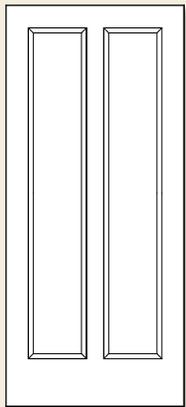
MDF62



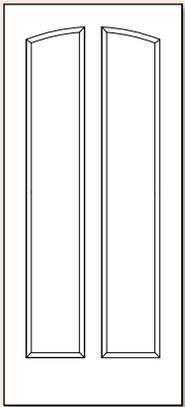
MDF101A



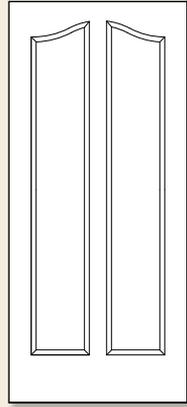
MDF102



MDF2002



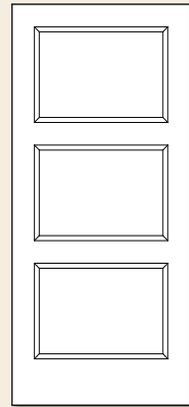
MDF2002A



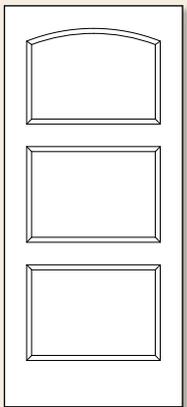
MDF2002E



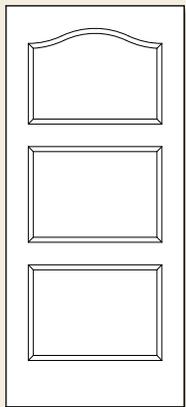
MDF2006



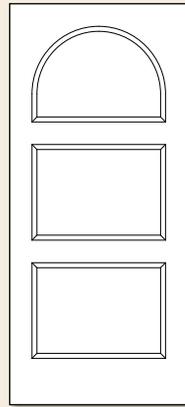
MDF30



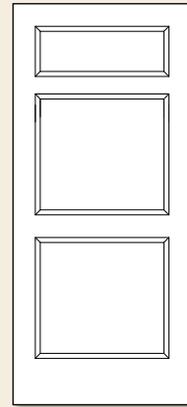
MDF30A



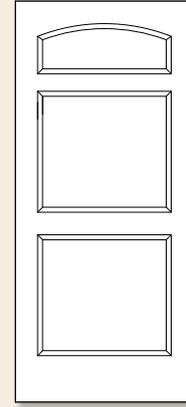
MDF30E



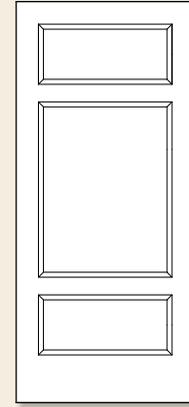
MDF30R



MDF103

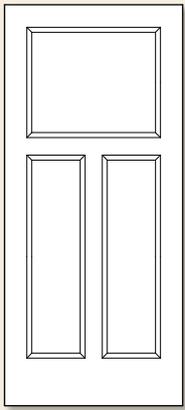


MDF103A

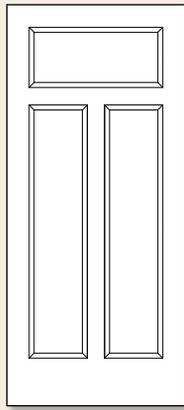


MDF31

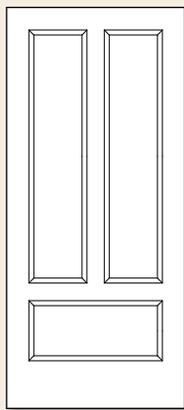
MDF INTERIOR DOORS



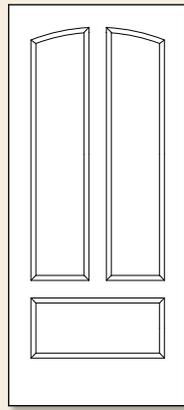
MDF33



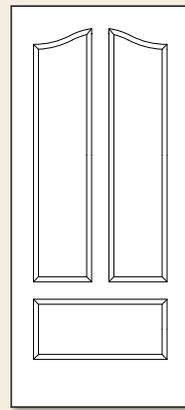
MDF2003



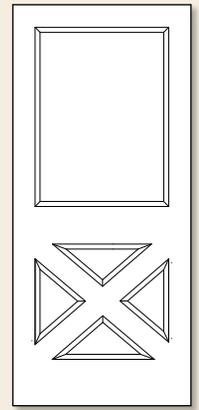
MDF104



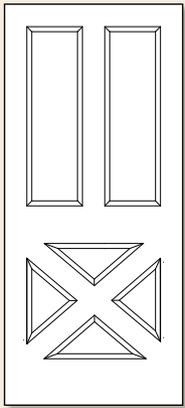
MDF104A



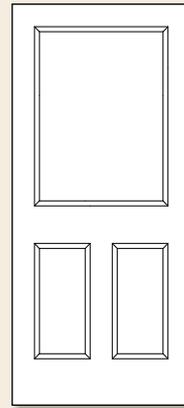
MDF104E



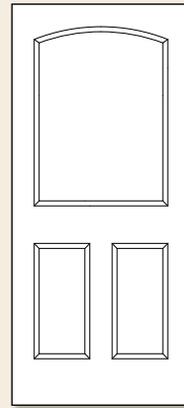
MDF2031



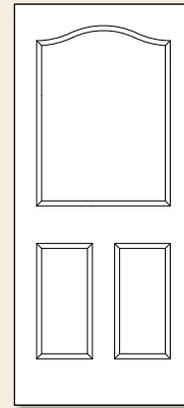
MDF2032



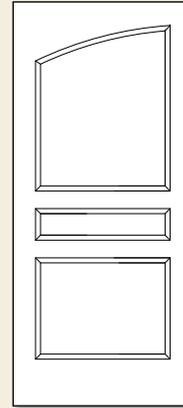
MDF144



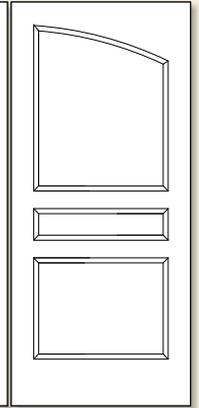
MDF144A



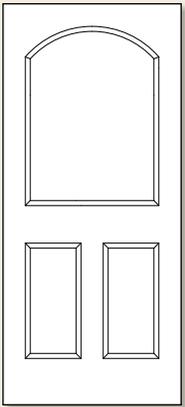
MDF144E



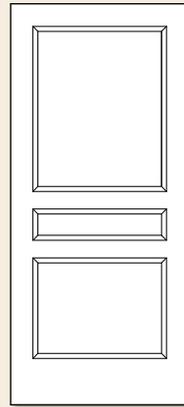
MDF63CL



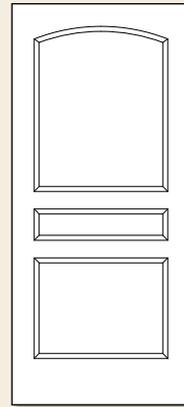
MDF63CR



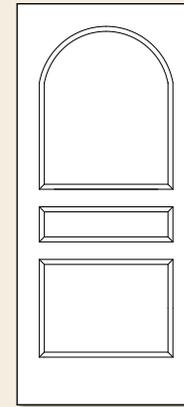
MDF144R



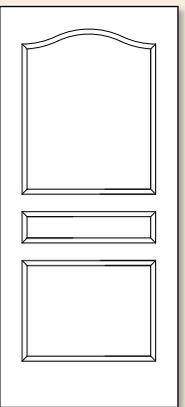
MDF63



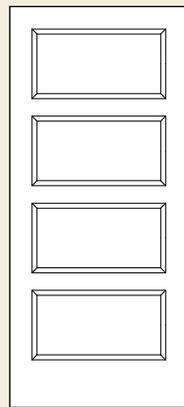
MDF63A



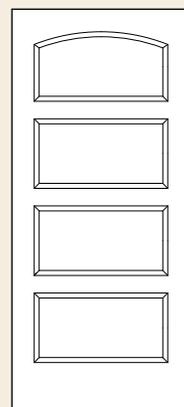
MDF63R



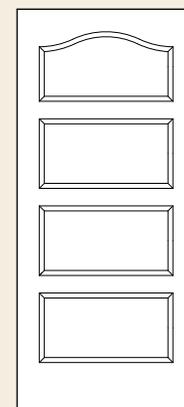
MDF63E



MDF54



MDF54A



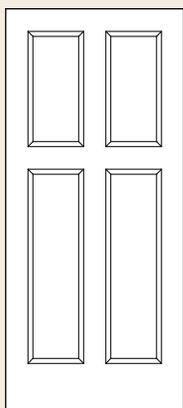
MDF54E



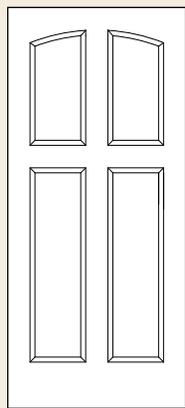


Standard thickness 1-3/8" or 1-3/4" but custom thicknesses are also available. Doors can be customized to any size up to 4'3" x 9'8". Square top, arch top and radius top doors are available.

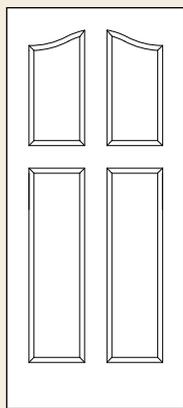
MDF30 Shown 2'6" x 7'0"



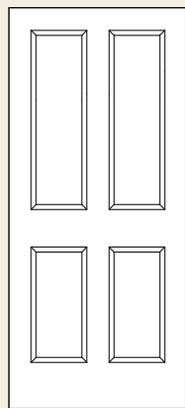
MDF43



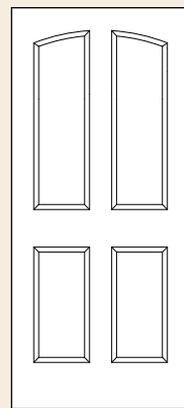
MDF43A



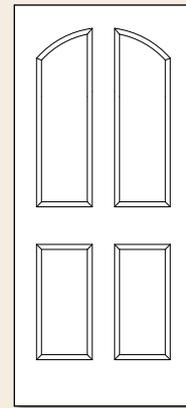
MDF43E



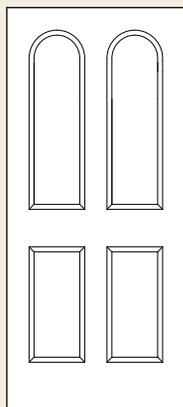
MDF44



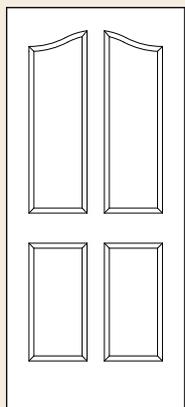
MDF44A



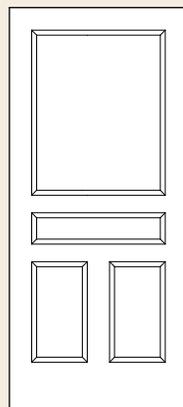
MDF44R



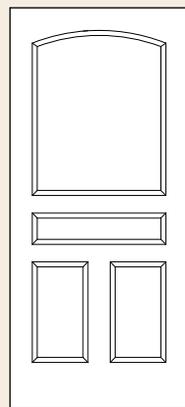
MDF44DR



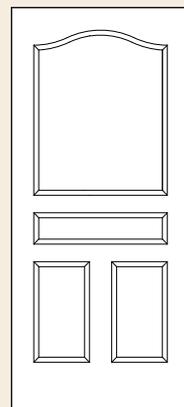
MDF48



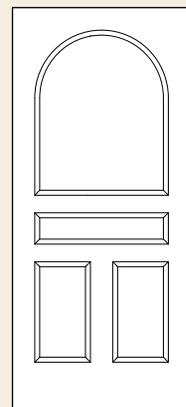
MDF107



MDF107A



MDF107E



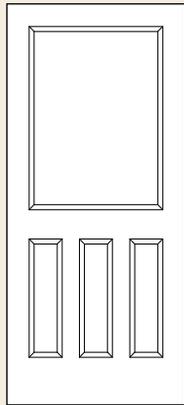
MDF107R

MDF INTERIOR DOORS

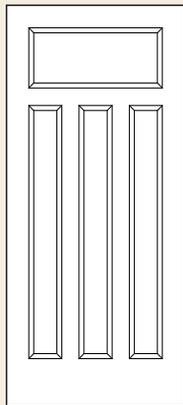


One of Buffelen's applied moulding options (see page 83 for details)

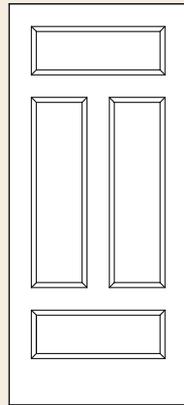
ALL BUFFELEN DOORS ARE PROUDLY BUILT IN THE U.S.A.



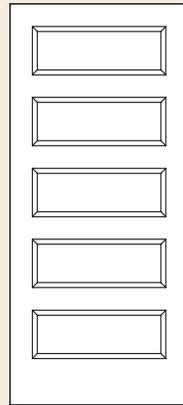
MDF81



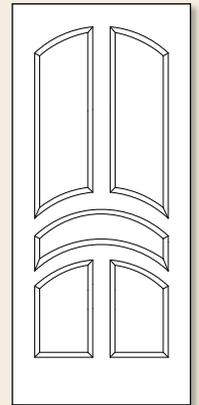
MDF2004



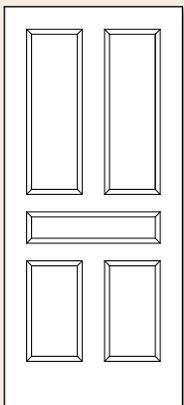
MDF106



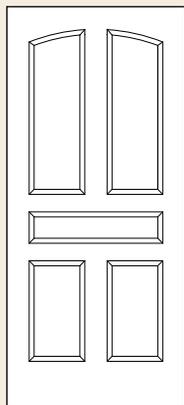
MDF55



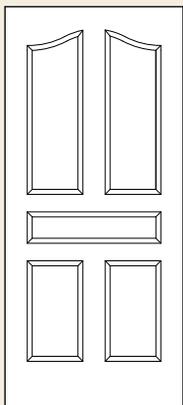
MDF61



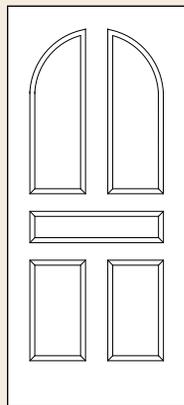
MDF65



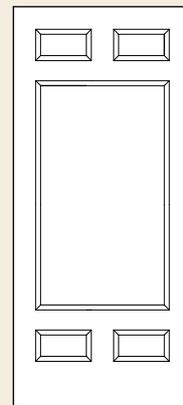
MDF65A



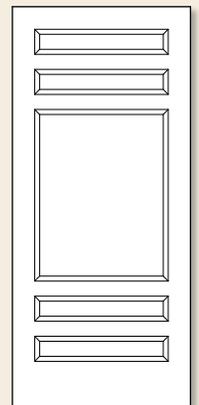
MDF65E



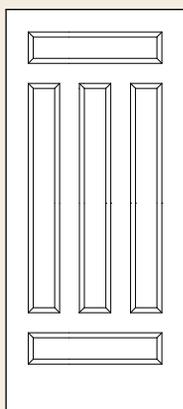
MDF65R



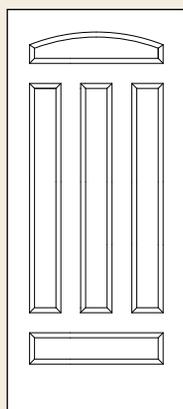
MDF108



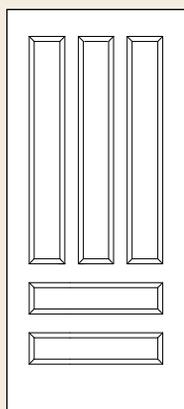
MDF109



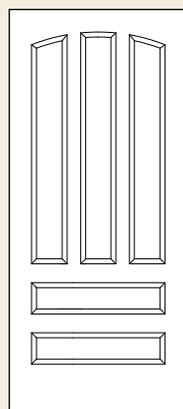
MDF110



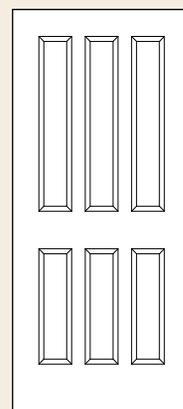
MDF110A



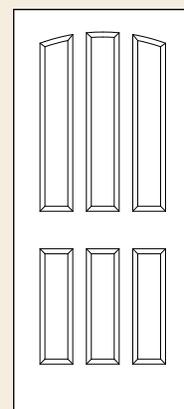
MDF111



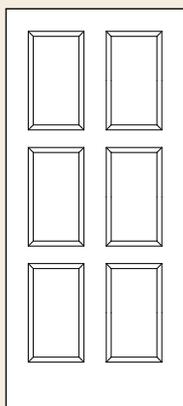
MDF111A



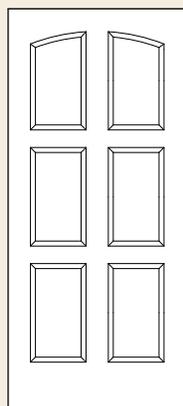
MDF112



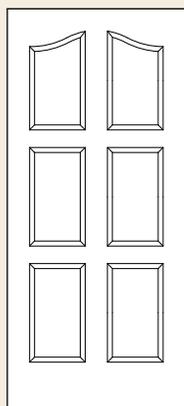
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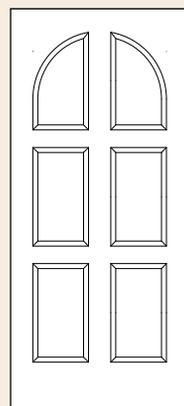
MDF60



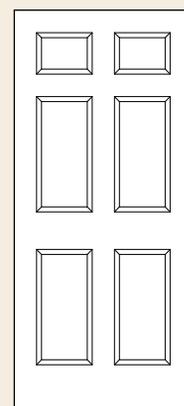
MDF60A



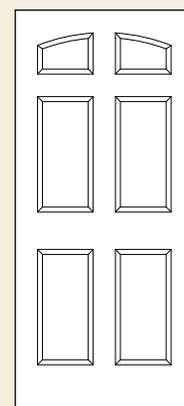
MDF60E



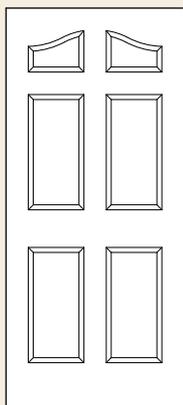
MDF60R



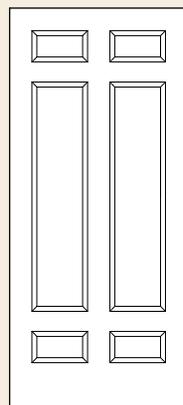
MDF66



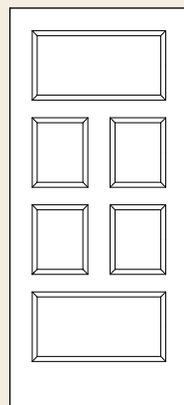
MDF66A



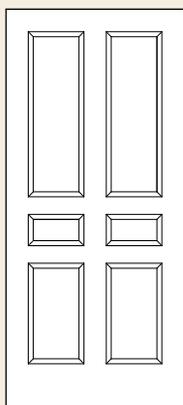
MDF66E



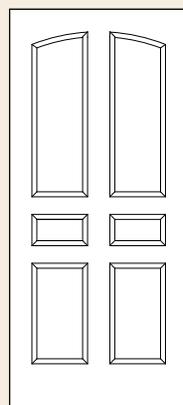
MDF113



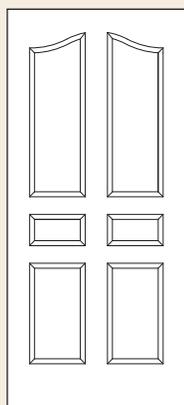
MDF114



MDF67

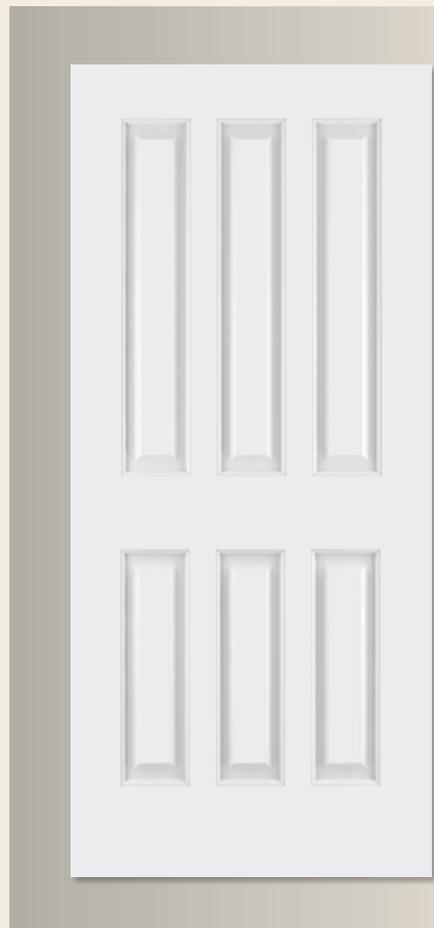


MDF67A



MDF67E

Standard thickness 1-3/8" or 1-3/4" but custom thicknesses are also available. Doors can be customized to any size up to 4'3" x 9'8". Square top, arch top and radius top doors are available.



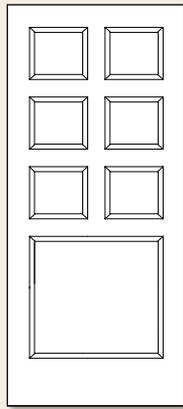
MDF112
Shown 3'0" x 6'8"

MDF INTERIOR DOORS

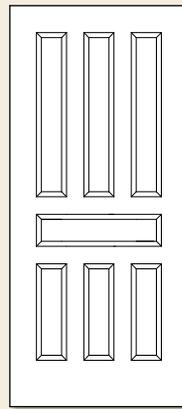


MODEL SHOWN: MDF144E

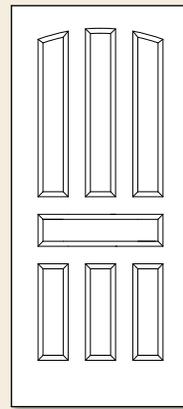
Buffelen builds every door to your specifications, so matching closet doors, bi-fold and pocket doors is easy.



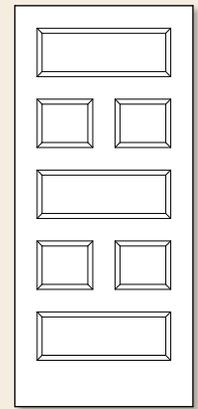
MDF68



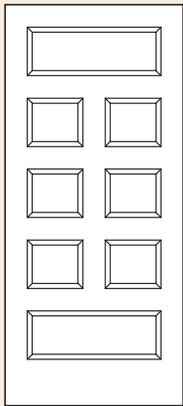
MDF 115



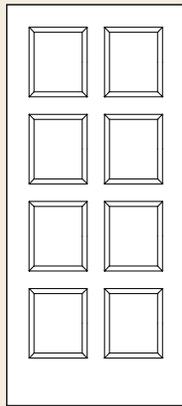
MDF115A



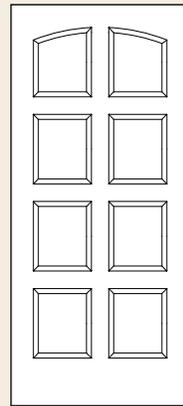
MDF116



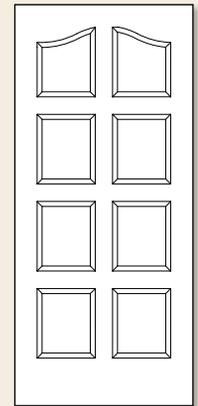
MDF117



MDF88



MDF88A

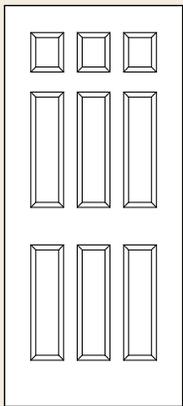


MDF88E

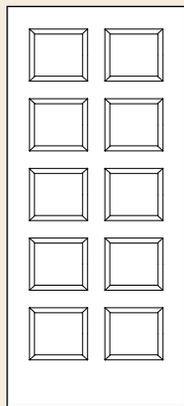
ALL BUFFELEN DOORS ARE PROUDLY BUILT IN THE U.S.A.

Custom door sizes, and matching wainscoting panels available.

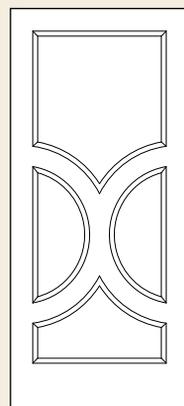
MODEL SHOWN: MDF734



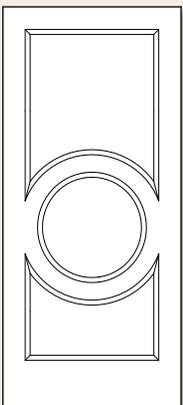
MDF118



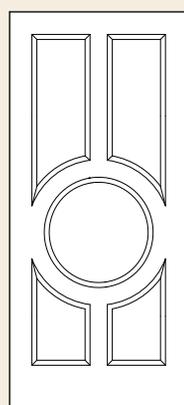
MDF69



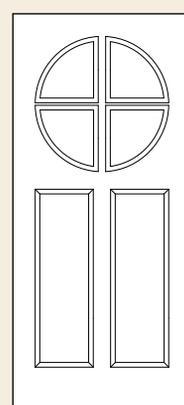
MDF105



MDF734



MDF733



MDF735

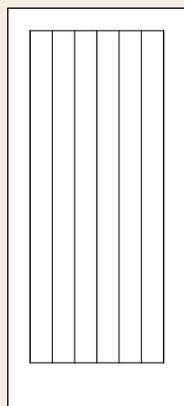


Standard thickness
1-3/8" or 1-3/4" but
custom thicknesses
are also available.
Doors can be
customized to any
size up to 4'3" x 9'8"

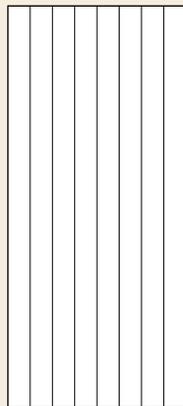
MDF82AV
Shown
2'6" x 6'8"

PREMIUM V-GROOVE DOORS

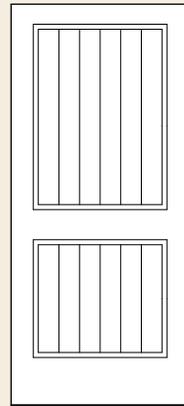
Buffelen's router-carved MDF doors are precision grooved, so each door is a perfect match.



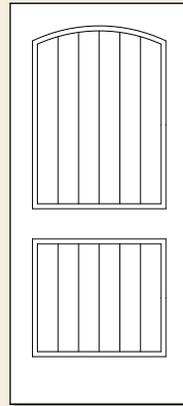
MDF20V



MDF730



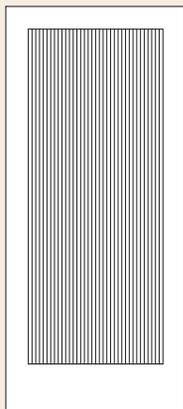
MDF82V



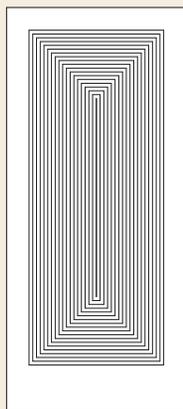
MDF82AV

PREMIUM TAMBOUR DOORS

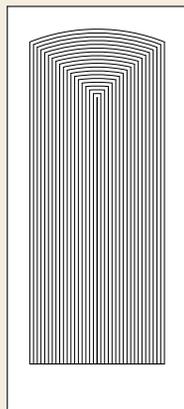
It is a sophisticated style that plays with the light to create shadows and highlights adding detail and focus to any room. Tambour styling is crisply delivered via precision routing, and the nature of MDF creates a perfectly smooth surface to highlight the detail.



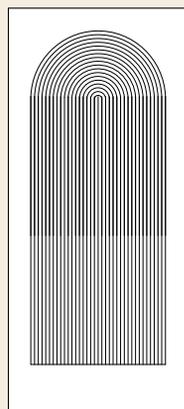
MDF20T1



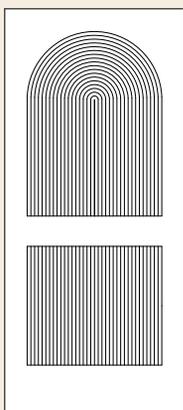
MDF20T2



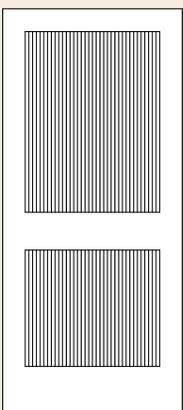
MDF20AT3



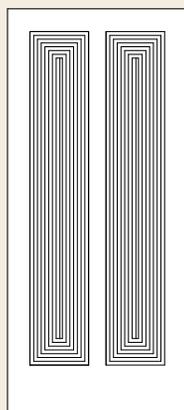
MDF20RT4



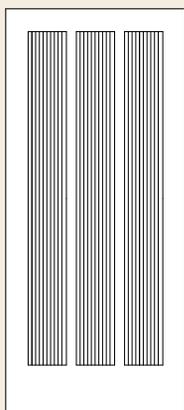
MDF82RT1



MDF82T2

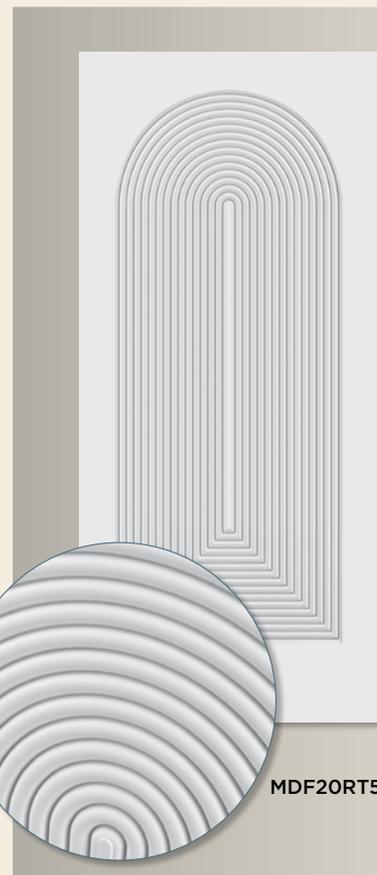


MDF2002T1



MDF2006T1

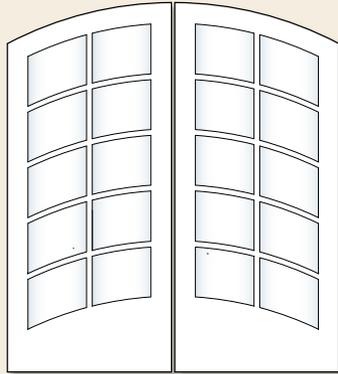
Precision routing on these tambour doors creates a unique look.



MDF20RT5

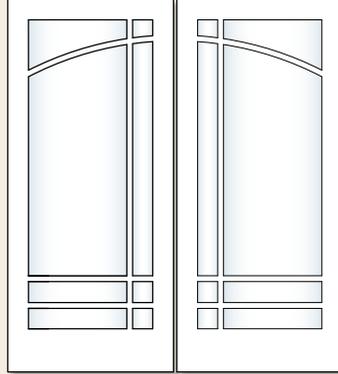
FRENCH DOORS

Open, they provide a grand entryway from space to space, closed they enhance the intimacy of a room without closing it off completely from the rest of your home. Glazed or paneled, router-carved MDF French Doors from Buffelen give you the best of both worlds.



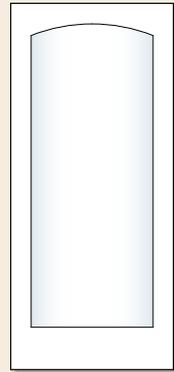
MDF1513L

MDF1513R

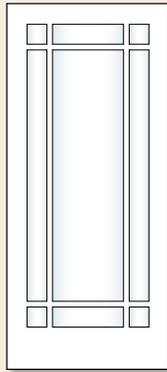


MDF1591L

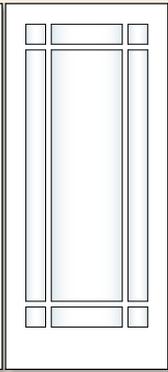
MDF1591R



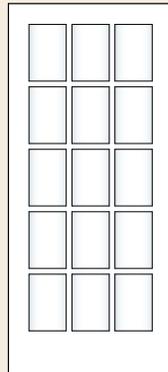
MDF1545



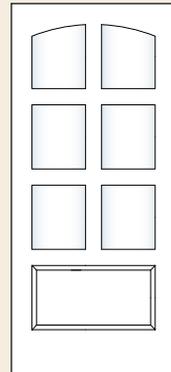
MDF1599



MDF1599



MDF1515



MDF1507



MDF1508
Shown with
narrow reed
glass option



WAINSCOTING

Fully customized to your specifications, wainscoting adds a formal look to any room. From the chair rail to the baseboard, precisely detailed, router-carved MDF panels match the look of doors and mouldings to create a finishing statement to the more formal areas of your home.

Additional designs available—send us your drawings.



WSC001



WSC002



WSC003



WSC004

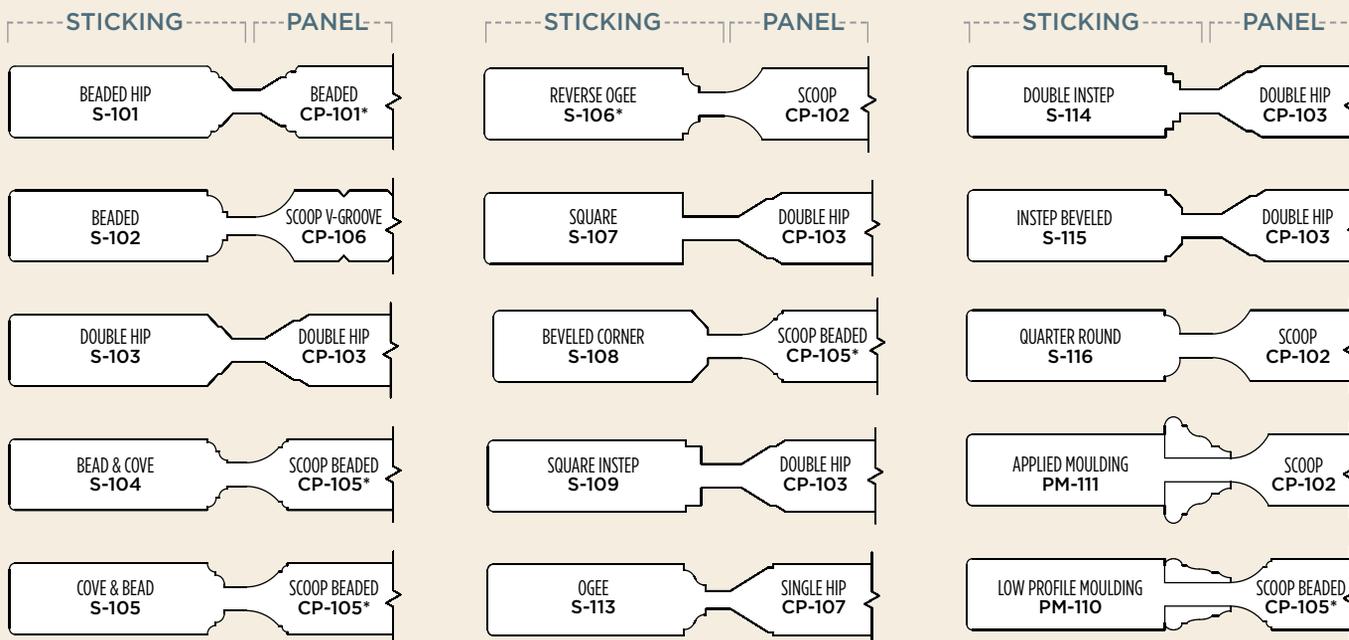


WSC005

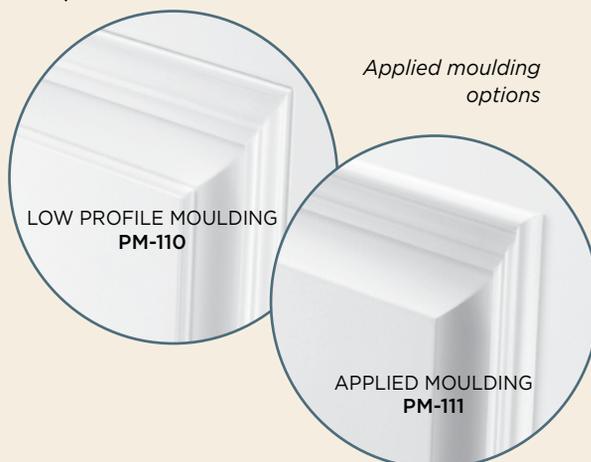
STICKING/PANEL PROFILE OPTIONS

Sticking and panel profiles may be mixed and matched.

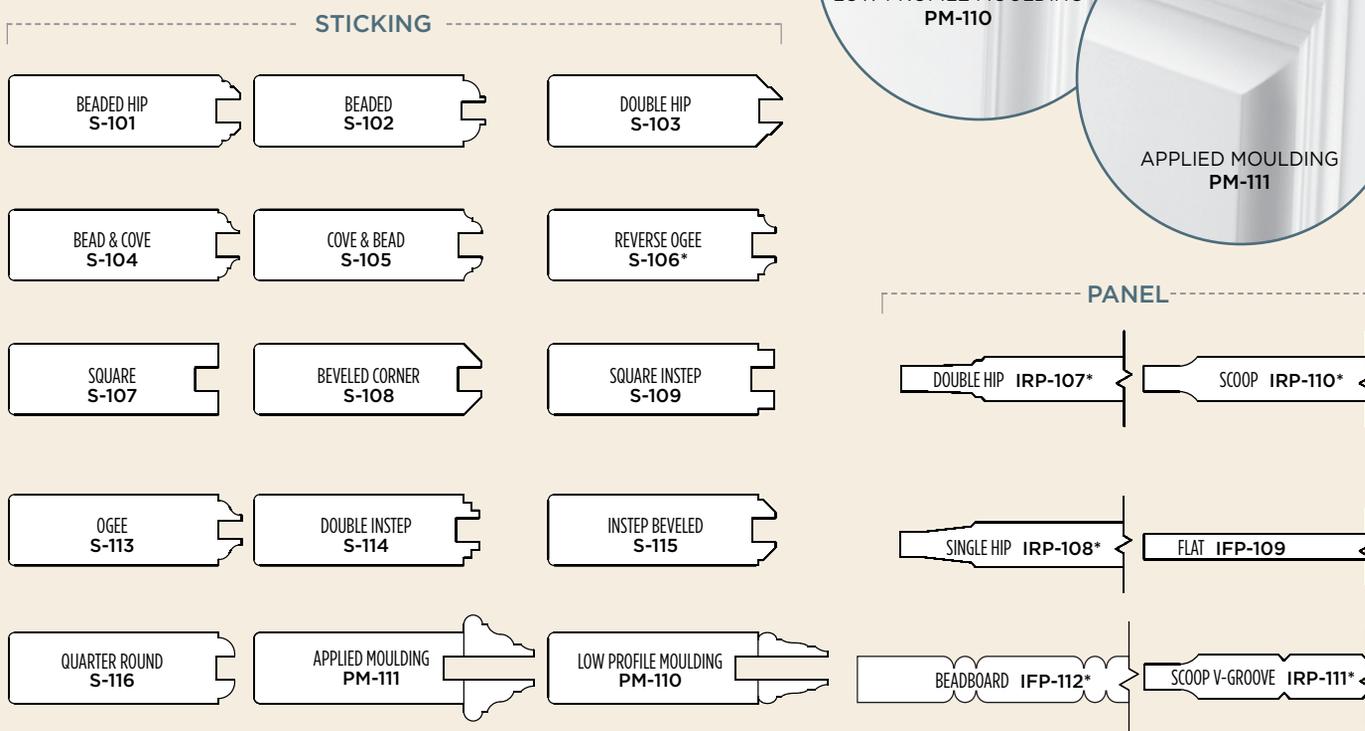
CARVED FACE



Applied moulding options



INSET PANEL



*Not available in 20 minute fire-rated doors





BWC 735
Shown in 6'8" height in 2-1/4" thickness with v-groove panel

DURABILITY: IMPACT DOOR TESTING

ANSI/AAMA/NWWDA 101/1.S.2

ASTM E-1886 CYCLE

ASTM E-1996 IMPACT

TAS 201 IMPACT

TAS 202 STRUCTURAL

TAS 203 CYCLE

ASTM E-283 AIR

ASTM E-330 STRUCTURAL

ASTM E-331 WATER

ASTM E-547 FORCED ENTRY

ASTM E-1300 GLASS

EVERY IMPACT DOOR WE BUILD OFFERS:

- Florida, Texas and Miami/Dade HVHZ approvals
- Fully-rated square, arched or radiused tops
- Glazed or panel construction
- Choice of out-swing or in-swing configuration

Impact-Rated Doors... From Buffelen

Beauty and craftsmanship that stands up to just about anything man or Mother Nature can throw at it.

Building a door to withstand hurricane force winds and flying debris is one thing. Building it with the style and craftsmanship Buffelen has become synonymous with for over 100 years is another thing altogether. Our state-of-the-art CAD design capabilities, CNC manufacturing system and team of expert craftsmen combine to produce impact-rated doors, sidelights, and transoms with the warmth and charm of beautifully designed, custom built, hand assembled joinery.

Whether its square, arched or radius tops, glazed or panel construction, single or double entries, all our doors use premium hardware for ultra-secure, trouble free operation year after year. Multi-point lock systems, heavy duty ball bearing hinges and threshold options that withstand nature's (or anyone else's) assault. Fully laminated, low-E glass options provide complete security while reducing cooling costs.

All impact ratings are in compliance with the 2012 International Building Code. All Buffelen impact rated products have been thermally tested to be in compliance with the 2012 Energy Code.

But, best of all, they're from Buffelen Woodworking. 'One of a kind' is built with the same attention to detail we bring to a full production run. We can build with any species you choose, and every door carries our 100 year legacy of quality and craftsmanship.

SHOWN:
In-swing configuration



IMPACT-RATED DOORS



IMPACT GLASS OPTIONS

IG impact glass / monolithic impact glass .090 PVB inner layer

SIMULATED DIVIDED LITES (SDL)

Create a classic look without sacrificing security—spacer bar option

STAIN-GRADE FRAMES

Beautiful doors deserve a beautiful frame

MULTI-POINT LOCK SYSTEMS

Vault-style full-door integration for maximum security. Various finishes available.

GLOBAL WOOD SPECIES SOURCING

We supply almost any specie you choose

HEAVY DUTY, BALL BEARING STAINLESS STEEL HINGES

Coating options available

CUSTOM-DESIGNS BUILT WITHIN APPROVALS

Panel, profile, and frame options all engineered to meet appropriate codes

PANEL OPTIONS

Bladder pressed raised panel, flat or V-groove

THRESHOLD OPTIONS

Hardwood sills available



SINGLE DOORS: GLAZED

Square Top | Arch Top | Radius Top

SEVERAL GLASS OPTIONS AVAILABLE

MAXIMUM SIZES:

FL13391 1-3/4" 3'0" x 8'0"

FL13391 2-1/4" 4'0" x 10'0"

N.O.A. 13.0326.12 TDI DR 302, 303, 304



SINGLE DOORS: PANEL

Square Top | Arch Top | Radius Top

SEVERAL PANEL OPTIONS AVAILABLE

MAXIMUM SIZES:

FL13391 2-1/4" 4'0" x 10'0"

N.O.A. 13.0326.13 TDI DR 302, 303, 304



BWC711 Shown in 9'0" height



DOUBLE DOORS: GLAZED

Square Top | Arch Top | Radius Top

SEVERAL GLASS OPTIONS AVAILABLE

MAXIMUM SIZES:

FL133911-3/4" 6'0" x 8'0"

FL13391 2-1/4" Standard 8'0" x 10'0"

2-1/4" Arch 7'0" x 10'0"

2-1/4" Radius 7'0" x 10'0"

N.O.A. 13.0326.12 TDI DR 302, 303, 304



DOUBLE DOORS: PANEL

Square Top | Arch Top | Radius Top

SEVERAL PANEL OPTIONS AVAILABLE

MAXIMUM SIZES:

FL13391 2-1/4" Standard 8'0" x 10'0"

2-1/4" Arch 7'0" x 10'0"

2-1/4" Radius 7'0" x 10'0"

N.O.A. 13.0326.13 TDI DR 302, 303, 304

MODEL SHOWN:
BWC742 with
custom transom

TRANSOMS AND SIDELIGHTS

Square Top | Arch Top | Radius Top

CREATE A DRAMATIC FIRST IMPRESSION

MAXIMUM SIZES:

Sidelights 3'0" x 8'0"

Transoms 8'0" x 3'0"

FL13387 TDI DR 302, 303, 304



*Sidelights and Transoms
offered with impact-
resistant glass, including
an .090 PVB inner layer.*



G840

Gates

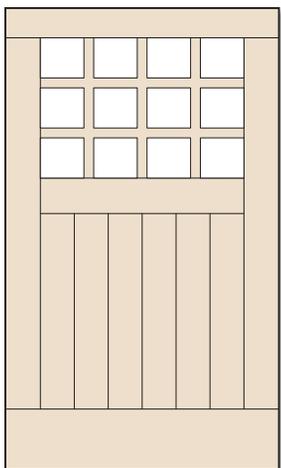
The perfect entry to your garden world

Is there a better entry to your garden's peaceful world than through your Buffelen Gate? We don't think so. They're solid Western Red Cedar to take the elements in stride, and built with mortise and tenon joinery and sturdy dowel pins where necessary. Planking is tongue and groove. The effect is beautifully solid yet welcoming.

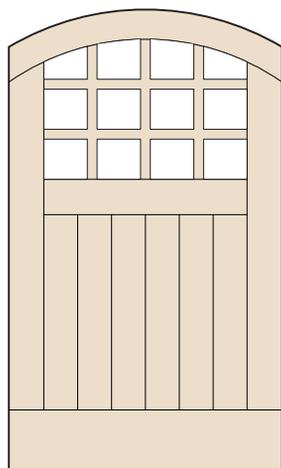
There's security in a well built gate, too. These are a full 1-3/4" thick, with 2-1/4" thickness available. Standard sizes are 42" wide by either 48" or 70" tall. And, of course, they're from Buffelen so you know they're built with care and craftsmanship.

GATE SPECIFICATIONS:

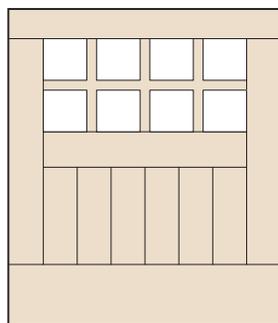
- Available in solid Western Red Cedar
- 1-3/4" Thickness standard, can upgrade to 2-1/4"
- Mortise & tenon and dowel pin construction
- Tongue & groove planks
- Standard sizes:
42" wide x 48" tall
42" Wide x 70" tall



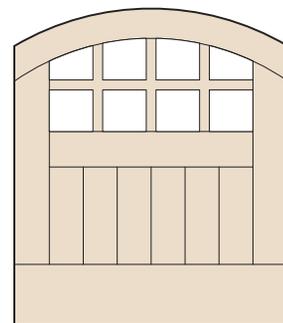
G810



G830



G800



G820



Doors are carefully primed with attention to all the details.

Primed Doors

Not just primed, perfectly primed

At Buffelen, we pay as much attention to those doors that will be painted as we do to our stain-grade products. We've selected premium grade, environmentally friendly water-based acrylic primers with very low VOC content (volatile organic compounds). Each door is completely primed (all exposed surfaces) with an extremely durable film that has excellent adhesion properties for both wood and MDF surfaces. The primer has superior leveling properties providing the perfect, ultra-smooth base for over-coating. When your primed door is finished with good quality exterior house paint, you can expect years of protection. After all, isn't that what you would expect from Buffelen?





Pre-Hung Doors

A quality, well-built door is a precision instrument. When hung correctly, it should swing easily on its hinges, clear its jamb and fasten securely on its latch. Pre-hanging ensures that the jambs are accurately sized to the door, the hinges are mortised correctly and the door installation will be as trouble-free as possible. Buffelen specializes in pre-hanging oversize or custom doors with perfectly matching jambs and hardware that will last as long as the door it supports. Heavy duty hardware and multi-point latching systems call for the craftsman's touch to install correctly—you'll find it in every pre-hung Buffelen door.

We specialize in hanging complex, oversize, and custom doors



BUFFELEN EXTERIOR FOLDING DOOR UNIT

PRE-HUNG DOORS



Folding door units come complete with all hardware and ready to install in your rough opening





Doors to Fit Any Opening— Pre-Hung to Fit Right the First Time

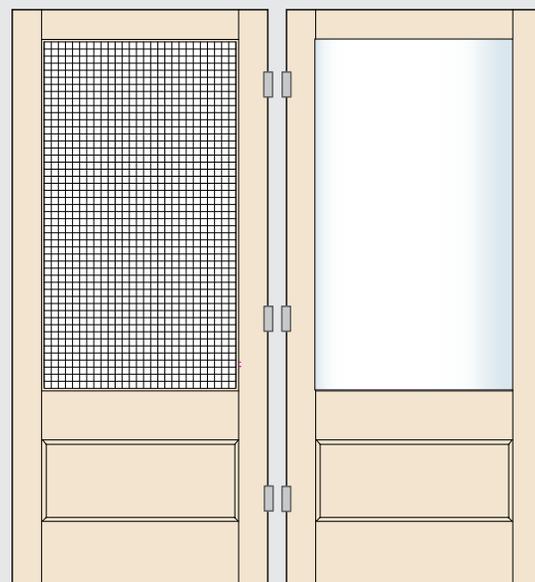
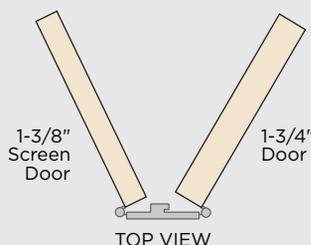
Pre-hung door kits have everything needed to install your door systems to your architecture. Once the rough openings are established, Buffelen craftsmen will build a complete unit that includes the doors, transoms, sidelights or other details. Hardware is installed at the factory so fit is never an issue—even engineered multi-fold doors with hard to find custom hardware. The result brings the outdoors in for commercial or residential installations.

Kitted units include everything needed to complete the installation—jamb, thresholds, locking hardware and final mouldings, even screen doors and their hardware all match and function beautifully—no matter how complex the design. And, of course, they're all built with the craftsmanship, precision and attention to detail Buffelen is famous for.



PRE-HUNG DOORS WITH BUILT-IN SCREENS

Screen doors can be added, in the same jamb, to your pre-hung unit giving you a custom look. Also available in additional sizes and door designs.



ORDERING PRE-HUNG DOOR UNITS

Ordering is simple—whether it's for entry or interior doors. Pick your options, we'll take care of the hard work to make your pre-hung unit simple to install and beautifully fitting your home's décor. The specifications below are our standard sizes, just remember that Buffelen specializes in custom solutions—let us know what you'd like to do.

Here's a guide to ordering your pre-hung door unit:

CHOOSE YOUR DOOR DESIGN

See the instructions on page 6 for how to order your door.

1 CONFIGURE YOUR DOOR UNIT

Choose from single or double doors, sidelights on both sides or just one, and whether or not you'd like a transom. Also specify interior or exterior.

2 JAMB DETAILS

Choose the jamb size and species—see page 8 for available wood species options. Jambes are available in 4-9/16" or 6-9/16" with custom widths upon request.

Common jamb types are single rabbeted kerf (SRK) or double rabbeted—other options are available.



3 SILL OPTIONS

For exterior doors only, select wood, oak adjustable, or commercial ADA.

4 HINGE DETAILS

HINGE SIZE: 3-1/2" 4" 4-1/2"

HINGE PREP: 1/4 Radius Square Other

HINGE COLOR: Please specify color.

HINGE TYPE: Commercial Steel based Residential Non-ferrous

5 HARDWARE/MACHINING PREPARATION

Choose the machining and hardware prep required for your latching system. Common requests are for single bore or double bore, prep for multi-point and mortise pocket also available. Our standard is Hoppe HLS 9000 multi-point.

BORE: Single Double

BORE DIAMETERS:

LOCK 2-1/8" Other

DEADBOLT 1-1/2" 2-1/8" Other

EDGE PREPARATION:

1"x2-1/4" Latch Prep, 1/4 Radius Other

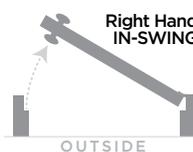
BACKSET: 2-3/8" 2-3/4"

6 CHOOSE THE SWING DIRECTION

Does the door need to swing in or out, from the left or the right? See the illustrations to determine what you need.

OUT-SWING: Left Hand Right Hand

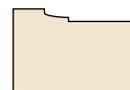
IN-SWING: Left Hand Right Hand



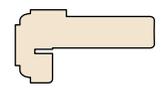
7 MILLWORK OPTIONS

If required, brick mould and astragals should also be specified. See pages 98-99 for these millwork options.

Brick Mould

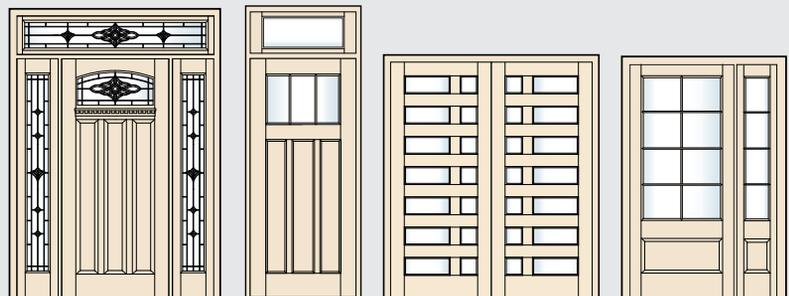


Exterior Astragal



1 Configure to fit your situation, here are just a few of the many options:

- Single door, two sidelights, plus transom
- Single door with transom
- Double doors (regular or arched)
- Single door with sidelight



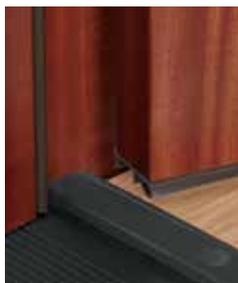
Choose your jamb species and size

2



4

Square hinge option
(color: US10B)



Weather stripping,
sweep, and
threshold installed

3



5

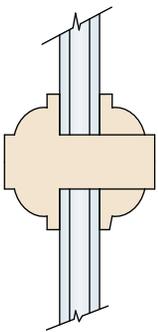
Optional 3-point locking system shown here with Trilennium hardware. Our standard is Hoppe HLS 9000 multipoint.



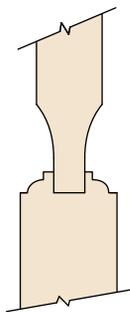
Millworks

*Profiles to match,
not just make do*

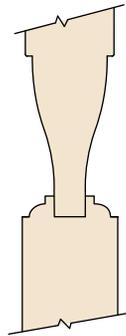
When you're building a house today Buffelen believes that every detail in that house should match. No compromises. That's why we offer dozens of profiles to choose from. A craftsman house should have craftsman sticking. Ovolo sticking is a perfect fit for a traditional house. It's the kind of choice you've grown to expect from Buffelen. We'll deliver.



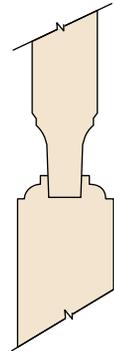
1-3/4"
6000 Bar



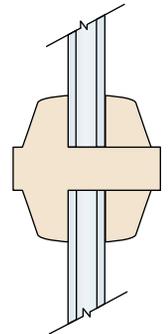
1-3/4"
6000
1-1/4" Bladder Press



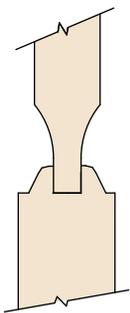
1-3/4"
6000
BW036RP



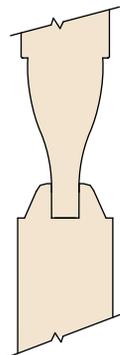
1-3/4"
6000
1-3/8" HRP



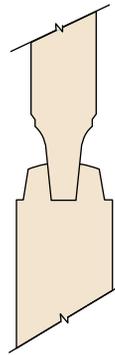
1-3/4"
5000
Bar IG



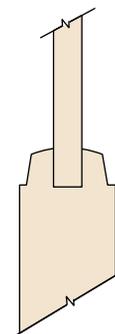
1-3/4"
5000
1" Bladder Press



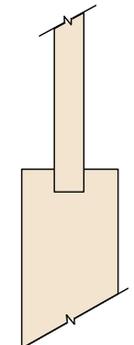
1-3/4"
5000
BW036RP



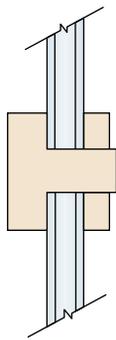
1-3/4"
5000
1-3/8" HRP



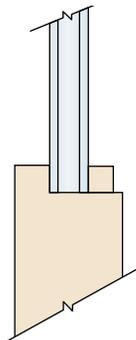
1-3/4"
5000
Craftsman
1/2" FP



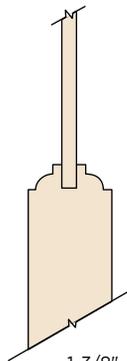
1-3/4"
Mission
1/2" FP



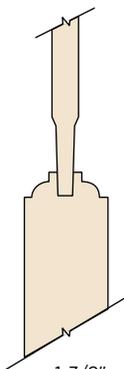
1-3/4"
Mission
Offset
Bar IG



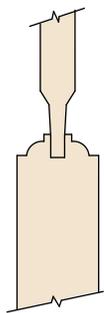
1-3/4"
Mission
Offset
IG



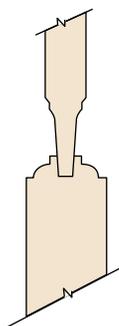
1-3/8"
1/4 FP



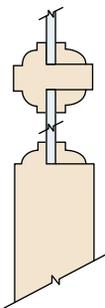
1-3/8"
1/2 RP



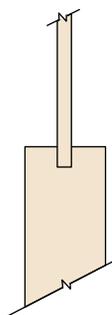
1-3/8"
3/4 RP



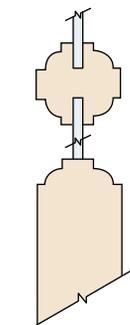
1-3/8"
3/4 HRP



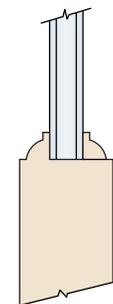
1-3/8"
SGM



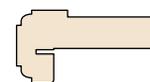
1-3/8"
Mission
1/4" FP



1-3/8"
1600
Compression
SGM



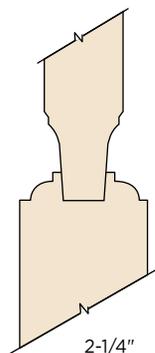
1-3/4"
6000
IG



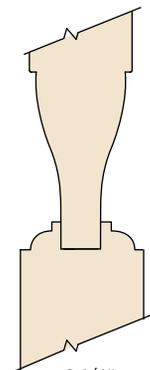
Exterior Astragal



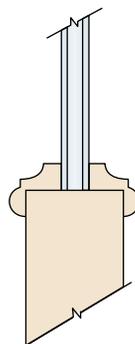
Brick Mould



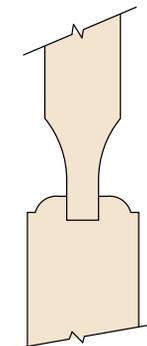
2-1/4"
6000
1-3/8" RP



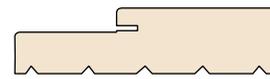
2-1/4"
BW036
Panel



BW031
Raised
Moulding IG



1-3/4"
9000
1" BPP



Single Rabbet with Kerf



Double Rabbet Combo Jamb





Tempered Glass

Multiple choices, clear options

Everyone looks at things a little differently. Buffelen offers a clear choice in quality tempered glass for whatever you are trying to achieve. From total privacy in a bathroom to enhancing a showcase view through French doors. It's all about obscurity and visibility and shades of light in between. The only choice you have to make is Buffelen, Buffelen or Buffelen. Clear enough?



Clear



Clear Beveled



Grey



Bronze



IG with White GBG



IG with Bronze GBG



Flemish



Seedy Baroque



Narrow Reed



Cross Reed



Monumental



Rain



Glue Chip



Double Glue Chip



Delta Frost



P516



Mistlite



Satin Etch Matte



Bamboo



Sycamore



Taffeta



White Laminate

*Also available
in clear laminate*



Fit & Finish

Doors that can last a lifetime

WARRANTY

All Buffelen stile and rail doors conform to industry Standard FHDA 7/79 and are covered by the Buffelen limited warranty available upon written request. Buffelen warrants each door to be free from defects in material or workmanship for a period of one year from the date of shipment to Buffelen's customer. Doors not handled in accordance with these guidelines will not be considered in any claim for warranty.

HANDLING AND STORAGE DO'S AND DON'TS

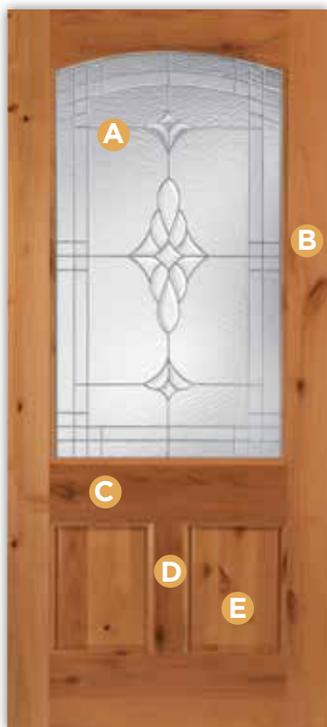
1. Deliver doors in a clean truck and under cover.
2. Do not deliver or install doors until foundations, concrete floors and plaster or texture walls are completely dry.
3. Allow doors time to acclimate to the conditions at the job site prior to installation.
4. Never subject doors to abnormal heat, dryness or humidity for prolonged periods, (i.e. forced heat).
5. Store doors lying flat on a level surface above the ground in a dry, well-ventilated building and keep covered. Don't stack doors on end.
6. If the doors are to be stored on the job site, the entire door including top and bottom edges must be sealed with a clear or pigmented based sealer to prevent moisture absorption. All six sides of the door must be properly sealed for warranty to apply.
7. To keep doors protected, use clean gloves and equipment. Cover doors, but allow for air circulation. Carry, do not drag doors over any surface.

IMPORTANT NOTE: *Panels of stile and rail doors are engineered to float so they can move with changes in climate without causing stress. Make sure these components are aligned before finishing. You can correct alignment by carefully moving the panel with a wood block, rubber mallet and a soft touch. Components that have shifted and must be aligned are not considered "defects" according to the warranty.*

FITTING AND HANGING

1. When hanging a door, allow adequate clearance for swelling of door or frame in extremely damp weather.
2. Use designated sizes to avoid cutting door width. For trimming ends, we recommend a sharp, fine-tooth saw.
3. Be careful not to impair structural strength of door when fitting for hardware or special features. To prevent distortion, set hinges in straight line. Use three hinges on doors 7' or less; four hinges on doors over 7' high. Jambs and stops must be square and plumb.
4. Protect outward swinging doors that are exposed to the elements. (An adequate overhang is strongly recommended for exterior doors. A general rule of thumb for an overhang is to measure height from porch to overhang and divide the distance in half. That measurement would be a minimum overhang width recommended.)
5. Immediately after fitting or cutting, and prior to weather-stripping and hanging any door, give the entire surface (including all edges) two coats of paint, varnish or a quality sealer to prevent moisture absorption.
6. To minimize heat loss and reduce energy costs, use any good weather strip on exterior doors.
7. Damage incurred due to extreme temperature build-up when a storm door is used is not considered a defect.

Buffelen reserves the right to make product improvement changes in specifications, materials and construction details.



The Buffelen Door {Defined}

All Buffelen stile and rail doors are individually handcrafted at our manufacturing plant in Tacoma, Washington.

THE ANATOMY OF A BUFFELEN DOOR:

- A DECORATIVE GLASS** – leaded, beveled, glue chip and stained glass designs as well as deeply carved panels are used to embellish a door's natural wood beauty.
- B STILES** – upright or vertical members form the outside pieces.
- C RAILS** – horizontal members frame the wood panels and carved wood/glass inserts.
- D MULLION** – the vertical framing between the stiles.
- E RAISED PANELS** – are panels set into the door stiles, mullions and rails whose center sections are raised.

PREPARATION AND FINISHING

NOTE: Please follow these recommendations to protect your warranty.

1. Inspect door carefully for defects before finishing.
2. All doors manufactured by Buffelen require sanding and prep prior to finish. The amount of sanding will depend on the expected appearance after finish.
3. Remove all dust with a tack cloth before beginning to apply finish.
4. Hang the door prior to finishing, then remove to finish properly.
5. Apply finish to the door immediately after fitting and hanging, but never during or immediately after high periods of moisture.
6. The door should be finished while lying flat—for maximum performance of finish.
7. Use solvent based paints, sealers and stains, or when applicable, high quality water based paints or stains, and follow manufacturer's directions. Apply finish to all surfaces including top and bottom edges. Dark color finishes should not be used on doors exposed to prolonged direct sunlight. The heat buildup may cause warping, veneer checks or separation.
8. **TO STAIN THE DOOR:** Apply a stain and sealer combination as recommended by the paint/stain manufacturer for the type of application (either exterior or interior). The stain and sealer combination will stain the door and seal the surface. Apply three coats of clear top coat, such as varnish or polyurethane. Sand lightly between coats. All exteriors must have ultra violet (UV) inhibitors in the finish. Do not use solid based stains as the final finish. These finishes must have three coats of varnish or polyurethane as final top coat.
9. **TO PAINT THE DOOR:** Use a quality solvent-based primer, followed by three coats of a good exterior paint recommended by the paint/stain manufacturer to be compatible with the primer. When finishing glazed doors, apply top coats generously to bridge wood and glass. To protect against moisture, lap paint onto glass 1/16 inch. For interior applications, use a quality interior primer followed by two coats of interior latex enamel or solvent-based paint. The door manufacturer is not responsible for the final appearance of doors finished in the field. It is expected that the painting contractor will make adjustments as needed to achieve the desired results.

NOTE: Buffelen is unable to evaluate all available paints and stains or all customer applications our doors are used in. Your paint/stain dealer should be able to help you with choosing the proper finish system for your new stile and rail door(s) that is specific to your region. It is strongly recommended that only the highest quality finishes be used and that all finish instructions be properly followed.

A FINISH OF LASTING BEAUTY

To ensure a watertight seal between wood and glass, some glazing material may be squeezed out onto the visible surface of the glass during manufacturing. This must be removed before finishing.

To remove excess glazing material, score it with a knife along the edge of the wood. Be careful not to cut into the wood or scratch the glass. Once scored, the glazing material can be easily pulled off by hand or with a plastic scraper. We do not recommend tools made of metal or razor blades. Use extreme care when cleaning squeeze out, paint, stain, etc. off tempered glass. It scratches very easily.

MAINTENANCE

All finishes will last longer when protected from direct sun and rain by an overhang or porch. If the door is exposed to the elements, a fine bead of silicone caulk should be used between glass and sticking or panel and sticking on the door's exterior.

All finishes should be checked yearly to see if they need refinishing.

The variations in vertical grain and color are natural. After all, every Buffelen stile and rail door is real wood. And every one is an original.

BUILDING GREEN

THE WOOD STORY

The only building material that builds itself

Building “green” is a contemporary label for the “three E’s” that must be increasingly balanced by today’s building professionals: energy, environment and economy.

A new orthodoxy has also emerged that assumes any alternative to wood is somehow environmentally preferable. So how does wood stack up as a green building material?

ENERGY

Wood is the only building material that is largely energy self-sufficient in its manufacture—the only material that builds itself. By weight, wood remains our number one industrial raw material, accounting for 47 percent of consumption, but for only four percent of the total energy embodied in the manufacture of raw materials.

Steel, on the same basis, accounts for just 23 percent of raw material while consuming 48 percent of the total energy input. Steel’s energy input is largely in the form of mining and burning coal—non-renewable processes—while the primary energy input for wood is from solar energy. Wood is also an energy-efficient structural material when used in a building. Wood is a natural insulator; inch-for-inch it’s 15 times more efficient than concrete and 400 times that of steel.



ENVIRONMENT

An image of harvested trees begs the question, “Aren’t we running out of trees?”

Early in our country’s history the forests were looked upon as mined resources, another gold rush, and land to be cleared. History books are replete with images of forest giants clear-cut by Paul Bunyan, and Saturday morning cartoons continue to show “eco-villains” destroying the last forest.

Against this backdrop, it’s important to consider the substance rather than the symbolism.

The real story is that almost three billion trees are planted in America’s forestlands each year. Perhaps it has become difficult for our society to visualize a cycle that is 50 years long. But our forest growth now exceeds removals by 37 percent.

Of course, things weren’t always that way; as late as the 1920’s harvest rates were double the growth. The balance changed during the 1920’s as foresters began to control losses due to fire, disease and insects. Serious efforts to replant began in 1941 with the adoption of the first Tree Farm Act and in 1944 the Sustained Yield Management Act was passed as recognition of the finite nature of old growth timber.

Sustained yield is not a new concept to the forest product industry. In fact, it depends on the long-term health of forestlands. Northwest companies like Weyerhaeuser are now growing third-growth forests on their timberlands.

Another environmental plus for wood is its impact on the global carbon cycle. Many scientists contend that rising levels of carbon are leading to global warming. Growing wood fiber in your working forests is very beneficial to the balance of carbon in the atmosphere. The growth of one pound of wood absorbs 1.47 pounds of carbon dioxide and releases 1.07 pounds of oxygen.

ECONOMY

Americans use a lot of wood fiber. The current annual per capita use of wood products (excluding paper) is 80 cubic feet or about one “standard” tree—defined (by the American Forest Resources Alliance) as 18 inches in diameter and 100 feet tall, or roughly 1,000 board feet.

The untold success story is that advances in methods and materials have provided our society with much more value from the same wood fiber.

The log cabin is an American cultural icon—the first building of the pioneers—and a profligate consumer of wood. A small log house could easily use 30 to 40 of those “standard” trees.

Fortunately, the first major leap in resource efficiency took place in the mid-1830s. So-called “balloon” framing with two-by-fours and the concurrent advent of the steam-driven sawmill began to “stretch” trees to build many more houses.

The next “stretch” of wood fiber began in 1905 when structural fir plywood was developed for the Lewis and Clark World’s Fair in Portland. By the 1950s, 3/8-inch plywood was replacing sheathing.

Today the “stretch” is in the form of products like oriented strand board that makes use of under utilized fast-growing species like aspen and birch.

“Structural Composite Lumber” describes the wide array of products from glue-laminated timbers to wood I-beams that continue to replace solid wood framing and stretch the resource more by putting the high-strength wood fiber into a more efficient shape.

Our local choices truly have global consequences. Wood is the product of sunlight, earth, air and water—all natural elements. Trees grow back; strip mines, gravel pits and depleted oil wells do not.

The responsible growth, harvest, processing and re-growth of wood fiber for building material is the most benign path to a sustainable future.



Visit the Buffelen Door website, this QR Code will take you there.

FOR QR CODE APS, GO TO:

- itunes.apple.com
(for iPhones or iPads)
- market.android.com
(for Android-based smartphones)
- appworld.blackberry.com
(for BlackBerry smartphones)

Buffelen™
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