

patiodors

# get MOre

#### MASONITE® PATIO DOORS GIVE YOU MORE

Enjoy wider, open views with larger glass areas and specially designed hinges that allow doors to open up 180 degrees and fold flat against your walls. Choose the brand that homeowners, architects and builders rely on around the globe - choose Masonite and bring added value to your home.





more door designs more glass styles more value

visit our web site and explore more solutions ...



Choosing the right door with the perfect design can make all the difference to your new renovation or decorating project!





**chooseyourconfiguration** Upgrade your existing patio door opening or create a new one with a triple, double or single door configuration. Enhance your home with sidelites and transoms for an even more spectacular view. Because our patio doors can open-wide with an 180 degree swing – you gain valuable space and access inside and out.



Chooseyourdoor Selecting the right door can bring years of enjoyment and hassle-free maintenance. Masonite Textured Fiberglass doors display exceptional, deep wood-grain detail. Our smooth fiberglass doors are perfectly engineered for durability and longevity, plus they're easy-to-paint for a custom look. Masonite Steel doors offer security and protection for your peace of mind.



**chooseyourg**lass Maximize the beauty and visual impact of your new patio entry with one of our beautiful glass profiles designed to coordinate with any architectural design and décor. Our designer glass can create an extraordinary ambience, transforming your patio doorway into a vision of beauty and grandeur.



# Masonite Patio & Flush-glazed doors



# **Masonite®** Patio System Elegant Designs, Certified Performance

Awe inspiring views and ample natural light are just on the other side of the wall. Why not let them in with a touch of style and a heap of energy saving, dependable performance.

Introducing the NEW Masonite® Patio door system featuring rich options such as: SpectraWeld™ designer glass, flush-glazed door panels, and premium frame components to make the ultimate passage from your home to the great outdoors.



#### Upgrade to flush-glazed Fiberglass Door Panels More View, Less Maintenance

#### **Wider Viewing Area**

✓ 2'8" and 3'0" full lite door panels are available with up to a 20% wider viewing area

#### **Less Maintenance:**

- ✓ Compact profile holds less dust than conventional frames
- ✓ Simple profile is also easier to clean
- ✓ Fiberglass door panels will not dent or rust

#### **Outstanding Aesthetics**

- ✓ No screw holes or plugs
- ✓ Clean, simple glazing profile

#### **Less Inventory**

Masonite's full lite flush-glazed system allows for field assembly, so less inventory is required





The new Masonite Designer Patio Door Collection features SpectraWeld™ technology on select decorative glass panels. This unique system utilizes revolutionary composite material that bonds to the glass and simulates caming.

Masonite Patio systems are available as NFRC certified units in fully assembled or knock-down kits, with Low-E configurations qualifying for the tax credit. Door panels are also available in standard and flush-glazed configurations.

The designer collection comes standard with Low-E glass to make the system more energy efficient in both the summer and winter and also allows it to be tax credit eligible.













Gentle creeping etched vines entangle around a light silk-screened pattern to create an opulent gateway to your outdoor retreat. **LOW-E IS STANDARD** 



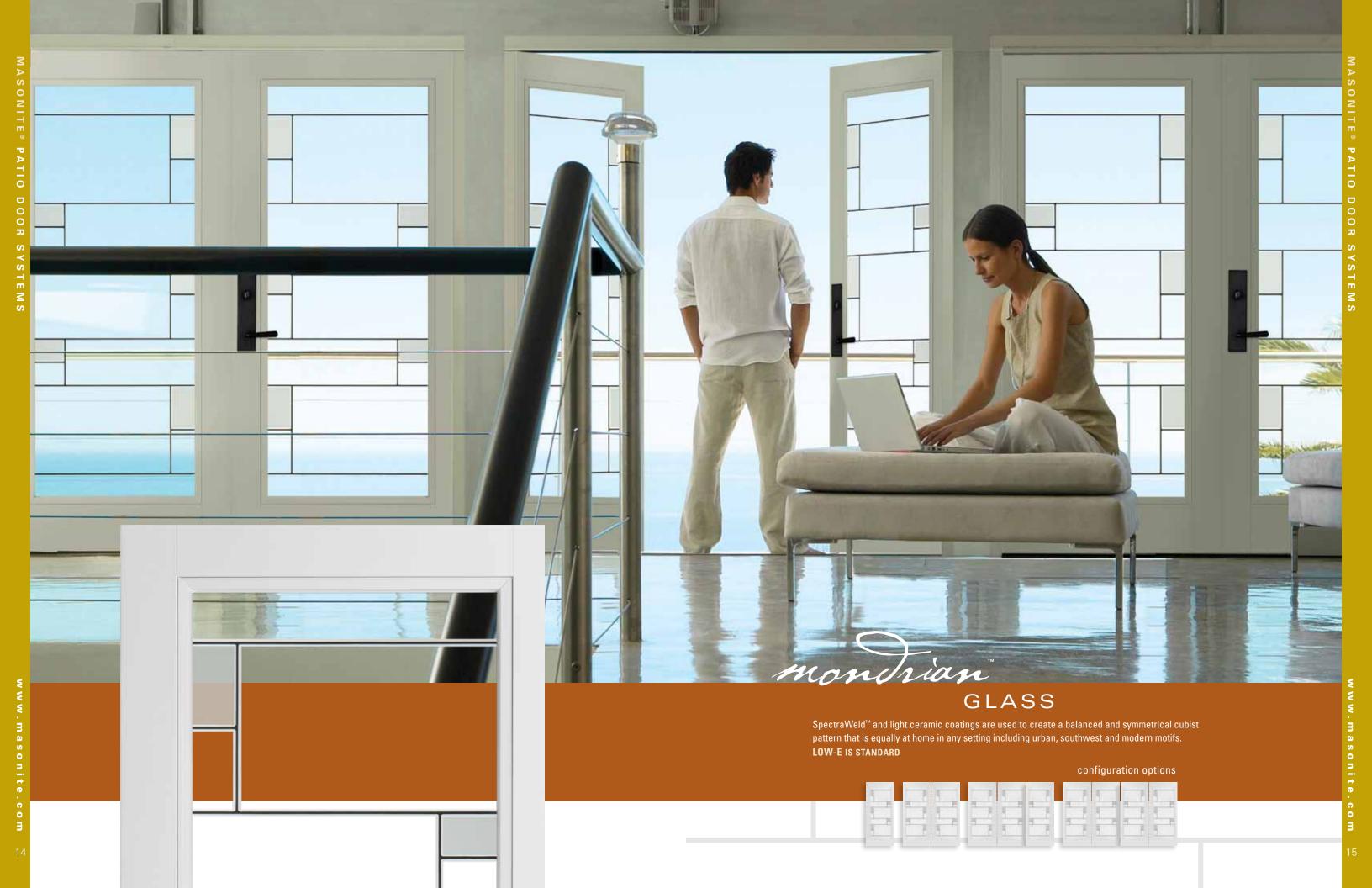




An elegant border of clean lines and diamonds encases your new patio doors bringing sophistication and elegance without overpowering your view. LOW-E IS STANDARD

configuration options

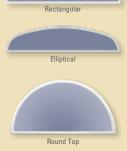






Complete your double patio door with a transom

**WIDE SELECTION OF TRANSOMS** 



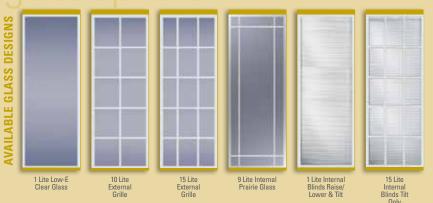
#### **SLIDING SCREEN**

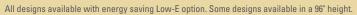
All screens feature fiberglass mesh and a sturdy metal frame. Four nylon rollers per screen provide easy adjustment and smooth operation. NOTE: For Inswing Patio Units Only

# venting sidelite option























#### **1** Composite Backed Sills

✓ A key to preventing water intrusion is properly sealing the bottom of the sill to the foundation. Our composite material will not rot and makes proper installation easy.



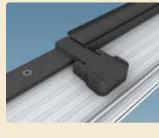
#### 4 Weather Tight

✓ Compression weather stripping seals the edges of the doors and helps prevent water and air infiltration. Composite bottom door rail with sweep will not rot and fends off drafts.



#### 2 Premium Jambs

✓ Optional full composite vinyl jambs are pre-finished white, never rot and are maintenance free. Wood jambs are available as an option.



#### **5** Premium Construction

Continuous head and sill construction maximizes the stability and rigidity of the assembled system while eliminating potential sources for water intrusion. Mull boots ease installation and keep components above potential water.



#### 3 Astragal

✓ Premium thermal astragals with locking flush bolts and durable rubber boots seal off the elements with the performance to fit almost any application.



#### 6 180° Open System New

Specially designed hinging system allows the doors to open up a full 180° and fold flat against your home, creating more space.

	FIBERGLAS	HD STEEL		
	BELLEVILLE / OAKCRAFT® TEXTURED BELLEVILLE® SMOOTH		MASONITE® HD	
	Mix and match high-performing natural wood-grain textured door designs with your choice of decorative glass.	Sleek look with a variety of door and glass options to choose from, engineered for performance.	High-definition panel profile offering the security of steel for years of performance.	
Wood Door Authenticity	★ ★ ★ Fine	★ ★ ★ Fine	★ ★ Good  Smooth  Interlocking  Paintable wood or steel	
Wood Grain Texture	Traditional oak Ultra-smooth		Smooth	
Edge (Stile) Construction	True square-edge	True square-edge	Interlocking	
Edge (Stile) Material	Stainable/paintable wood* Paintable wood		Paintable wood or steel	
Finish Options	Stain or paint Paint		Paint	
Door Durability & Performance	Lifetime warranty <sup>†</sup>	Lifetime warranty <sup>†</sup>	5-15 years <sup>†</sup>	
Composite Bottom Rail	<b>✓</b>	<b>~</b>	<b>V</b>	
Rust Proof	<b>V</b>	<b>✓</b>		
Dent Proof	<b>V</b>	<b>✓</b>		
ENERGY STAR <sup>†</sup>	<b>✓</b>	<b>✓</b>	<b>✓</b>	
Glazing Options	Flush/Standard Flush/Standard		Standard	
Glass Designs	11+	11+	11+	
Glazing Assembly	Traditional glazing inserts	serts Traditional glazing inserts Traditional g		

Door Material	OAKCRAFT® TEXTURED	BELLEVILLE® SMOOTH	MASONITE® HD
Facing Color	White	White	
Height Options	6'8", 8'0"	6'8", 8'0"	
Panel Width	2'6"-3'0"	2'0"-3'0"	
Glass Width	20"-26"	14"-26"	
andard Glazed Door Specifications	BELLEVILLE® OAK TEXTURED	BELLEVILLE® SMOOTH	MASONITE® HD
Facing Color	TAN	White	White
Height Options	6'8", 8'0"	6'8", 8'0"	6'8", 8'0"
Panel Width	2'6"-3'0"	2'6"-3'0"	2'6"-3'0"
Glass Width	20"-22"	20"-22"	20"-22"

ratio Configuration Options					
Patio Configurations	Vented Sidelite (Single or Double)	Single Door	Double Door	Triple Door	Quad Door
Heights	6'8", 8'0"	6'8", 8'0"	6'8", 8'0"	6'8", 8'0"	6'8", 8'0"
Widths	13", 16"	2'0"-3'0"	4'0"-6'0"	6'0"-9'0"	8'0"-12'0"
Hinge Options	L,R	L,R	FR, CE	FR	FR, CE
Swing	IS	IS, OS	IS, OS	IS, OS	IS, OS

Masonite patio systems rough openings & handing



rough openings & nanding							retrofit size	
	SINGLE F	PATIO DOC	)R					
	Nominal Door Size		Actual Door Size		Rough Opening Size (wood stud)		Outside Brickmould Size	
	Width	Height	Width	Height	Width	Height	Width	Height
	2'0"	6'8"	24-3/16"	79-1/2"	25"	80"	26-11/16"	80-3/4"
	2'0"	8'0"	24-3/16"	95-1/2"	25"	96"	26-11/16"	96-3/4"
	2'6"	6'8"	30-3/16"	79-1/2"	31"	80"	32-11/16"	80-3/4"
	2'6"	8'0"	30-3/16"	95-1/2"	31"	96"	32-11/16"	96-3/4"
	2'8"	6'8"	32-3/16"	79-1/2"	33"	80"	34-11/16"	80-3/4"
	2'8"	8'0"	32-3/16"	95-1/2"	33"	96"	34-11/16"	96-3/4"
	3'0"	6'8"	36-3/16"	79-1/2"	37"	80"	38-11/16"	80-3/4"
	3'0"	8'0"	36-3/16"	95-1/2"	37"	96"	38-11/16"	96-3/4"
	DOUBLE	(FRENCH)	DOOR					
	4'0"	6'8"	47-1/4"	79-1/2"	48"	80"	49-3/4"	80-3/4"
	4'0"	8'0"	47-1/4"	95-1/2"	48"	96"	49-3/4"	96-3/4"
	5'0"	6'8"	59-1/4"	79-1/2"	60"	80"	61-3/4"	80-3/4"
	5'0"	8'0"	59-1/4"	95-1/2"	60"	96"	61-3/4"	96-3/4"
	5'4"	6'8"	63-1/4"	79-1/2"	64"	80"	65-3/4"	80-3/4"
	5'4"	8'0"	63-1/4"	95-1/2"	64"	96"	65-3/4"	96-3/4"
	6'0"	6'8"	71-1/4"	79-1/2"	72"	80"	73-3/4"	80-3/4"
	6'0"	8'0"	71-1/4"	95-1/2"	72"	96"	73-3/4"	96-3/4"
	TRIPLE (F	FRENCH) [	)00R					
	7'6"	6'8"	89-5/16"	70 1/2"	00 1/16"	80"	01 12/16"	80-3/4"
	7'6"	8'0"	89-5/16"	79-1/2" 95-1/2"	90-1/16" 90-1/16"	96"	91-13/16" 91-13/16"	96-3/4"
	7 6 8'0"	6'8"	95-5/16"	79-1/2"		80"	97-13/16"	
	8'0"	8'0"	95-5/16"	95-1/2"	96-1/16" 96-1/16"	96"	97-13/16"	80-3/4" 96-3/4"
	9'0"	6'8"	107-5/16"			80"	109-13/16"	
	9'0"	8'0"	107-5/16"	79-1/2" 95-1/2"	108-1/16" 108-1/16"	96"	109-13/16"	80-3/4" 96-3/4"
	DUIDIE	ICENITED	SWING) D		,			
		•	,		0411	0011	00.074	00.04:"
	5'0"	8'0"	60-1/4"	95-1/2"	61"	96"	62-3/4"	96-3/4"
	5'4"	6'8"	64-1/4"	79-1/2"	65"	80"	66-3/4"	80-3/4"
	5'4"	8'0"	64-1/4"	95-1/2"	65"	96"	66-3/4"	96-3/4"
	6'0"	6'8"	72-1/4"	79-1/2"	73"	80"	74-3/4"	80-3/4"
	6'0"	8'0"	72-1/4"	95-1/2"	73"	96"	74-3/4"	96-3/4"
	TRIPLE ((	CENTER-S'	WING) DO	OR				
	7'6"	6'8"	90-5/16"	79-1/2"	91-1/16"	80"	92-13/16"	80-3/4"
	7 6 7'6"	8'0"	90-5/16"	95-1/2"	91-1/16"	96"	92-13/16"	96-3/4"
	8'0"	6'8"	96-5/16"	79-1/2"	97-1/16"	80"	98-13/16"	80-3/4"
	8'0"	8'0"	96-5/16"			96"	98-13/16"	96-3/4"
	0.0	0 U	30-3/10 100 F /10"	95-1/2"	97-1/16"	90	30-13/10	90-3/4

All dimensions shown are for inswing doors – deduct 1-1/4\* from the actual door unit height, the rough opening height and the outside brickmould height for outswing doors. Floor covering can affect rough opening heights. All dimensions listed have a tolerance of +/- 3/16". Some jurisdictions may require a structural mullion (field installed) for units with transoms. The sizes above do not include structural mullions. Width dimensions for active units reflect French door sizes. Some jurisdictions may require a structural mullion (field installed) for units with transoms. The sizes above do not include structural mullions.

79-1/2"

95-1/2"

109-1/16"

109-1/16"

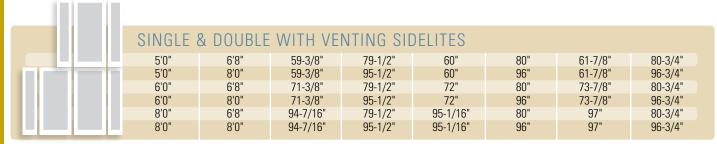
96"

108-5/16"

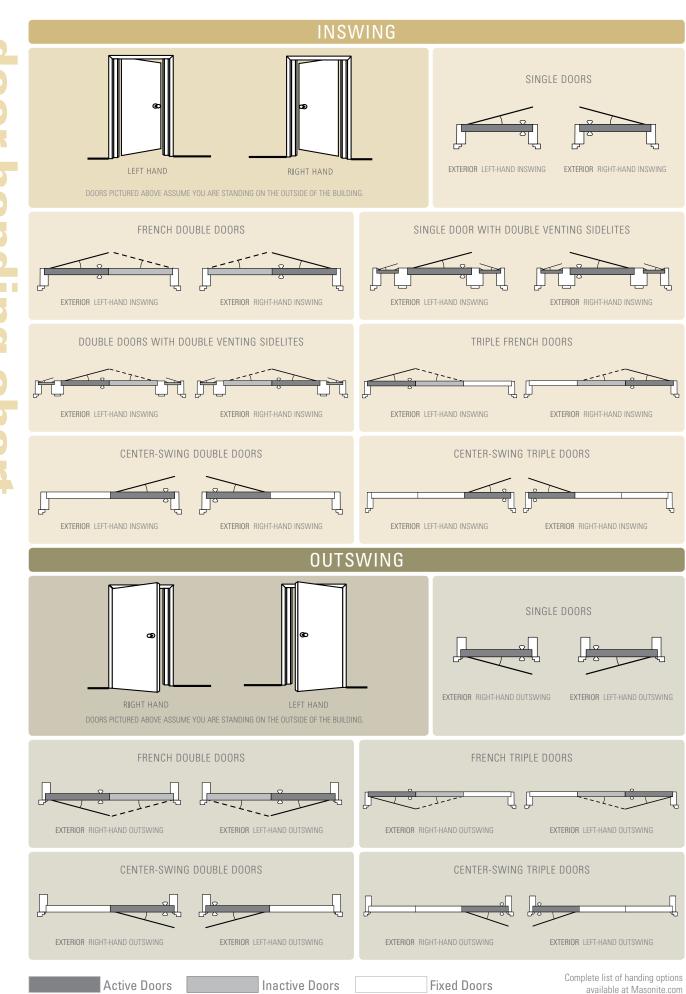
108-5/16"

6'8"

8'0"



All dimensions shown are for inswing doors - venting sidelite units are not available in an outswing configuration. Floor covering can affect rough opening heights. Width dimensions for active units reflect French door sizes. Some jurisdictions may require a structural mullion (field installed) for units with transoms. The sizes above do not include structural mullions. \*Please add 1/2" to actual door width, rough opening width and outside brickmould width for center hinge patio double door units. Transoms on center hinged units will overhang the units will overhang the units 5/16" each side. Complete list of rough opening sizes available at Masonite.com



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80-3/4"

96-3/4"

110-13/16"

110-13/16"

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### chooseyour hardware

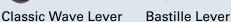
#### **Multi-Point** Lock Options

Masonite's multi-point lock provides a tighter seal than standard locks.

Monaco Series\*







#### Sapphire Series\*



Deadbolt



Classic Wave Lever



**Bastille Lever** 

\*Available Finishes: Brushed Nickel & Oil Rubbed Bronze

#### **Standard Single Lock Options**



<sup>\*</sup>Available Finishes: Satin Nickel or Antique Black \*\*Available in Antique Black only



## ENERGY STAR® & TAX CREDIT



In 2010 the U.S. ENERGY STAR qualification criteria for a door system has changed. The new criteria eliminates the four climate zone maps that have been used to determine the system qualification performance. Climate zones will be replaced with a nationwide product performance criteria for opaque, less than or equal to 1/2 lite and greater than 1/2 lite qualification criteria.

Masonite doors and sidelites use premium polyurethane insulation and multi-pane insulated glass which creates superior insulating properties and lowers heating and cooling bills. Our NFRC certified assembled door units may qualify for ENERGY STAR 2010 and the current U.S. Federal Tax Credit. Other criteria exists for eligibility in the various programs but use the below charts as a general guideline for which Masonite products qualify.

Both ENERGY STAR and the U.S. Federal Tax Credit criteria are based on the system's performance as measured by the U-Value and the SHGC (Solar Heat Gain Coefficient).

- 1 **U-Factor:** Measures the rate of heat transfer through a product. It considers all elements of an assembly including conductivity, air flow, and glass emissivity. A lower U-Factor indicates a better insulating product.
- 2 SHGC: (Solar Heat Gain Coefficient) Measures the amount of energy that passes through glass from the sun, creating additional heat. The lower the SHGC, the better it blocks solar heat.

#### energy performance rating Glass Type Clear 1/2" IG Clear 1/2" IG E Grids Low-E 1/2" IG Low-E 1/2" IG E Grids Clear 1" IG Clear 1" IG Int Grids Low-E Surface #2 1" IG Low-E Surface #2 1" IG E Grids Triple Pane Deco IG w/Caming Clear 1/2" IG Clear 1/2" IG F Grids Low-E 1/2" IG Low-E 1/2" IG E Grids Clear 1" IG Clear 1" IG Int Grids Low-E Surface #2 1" IG

\*Please verify qualification with the NFRC performance label affixed to the door.

Based on 2'0" door unit width or greater (no sidelites).

#### TAX CREDIT

Low-E Surface #2 1" IG E Grids

Triple Pane Deco IG w/Caming

In 2009, the American recovery and Reinvestment Act of 2009 was signed into law. This law offers a U.S. Federal Income Tax credit to consumers for eligible doors of up to 30% of the purchase price of the door, with a maximum credit of \$1500. This tax credit is valid through the end of 2010. Please retain the NFRC performance label that is affixed to the door for required proof of product performance.

#### 2010 **ENERGY STAR Product Performance** criteria

Glazing Level	U-Factor <sup>1</sup>	SHGC <sup>2</sup>	
ALL	≤ 0.21	No Rating	
≤ 1/2-Lite	≤ 0.27	≤ 0.30	
> 1/2-Lite	≤ 0.32	≤ 0.30	

#### **U.S. FEDERAL TAX CREDIT Product Performance** criteria\*

Glazing Level	U-Factor <sup>1</sup>	SHGC <sup>2</sup>
ALL	≤ 0.30	≤ 0.30



Fraction of incident solar radiations

<sup>\*</sup> Other criteria exists for Tax Credit eligibility. Please consult your tax professional.



 $patio\ BELLEVILLE^{\circledast}\ SIMOOTH\ FIBERGLASS\ DOOR\ with\ Piedmont^{""}\ glass\ exterior\ entrance\ BELLEVILLE^{@}\ HOLLISTER\ MAHOGANY\ TEXTURED\ with\ Alston^{""}\ glass\ exterior\ entrance\ BELLEVILLE^{""}\ HOLLISTER\ MAHOGANY\ TEXTURED\ with\ Alston^{""}\ glass\ exterior\ entrance\ BELLEVILLE^{""}\ HOLLISTER\ MAHOGANY\ TEXTURED\ with\ Alston^{""}\ glass\ exterior\ entrance\ BELLEVILLE^{""}\ HOLLISTER\ MAHOGANY\ TEXTURED\ with\ Alston^{""}\ glass\ exterior\ entrance\ exterior\ entrance\ exterior\ entrance\ exterior\ entrance\ exterior\ entrance\ exterior\ e$ 

# bringing NeWperspectives in doors

It's easy to choose one design to enhance your home décor inside and out, with our expanding coordinating collection of interior and exterior glass designs. Simply select one design for your home, then sit back, relax, and enjoy the view. Just one more way Masonite is committed to bringing you more door options so you can bring more value to your home.





cover SMOOTH FIBERGLASS DOOR with Trella" glass





