

# GARDEN PATIO <sup>DOORS</sup>



EXTERIOR DOOR SYSTEMS | INTERIOR DOOR SYSTEMS | COMMERCIAL | HARDWARE





Madero Garden Patio Doors are ideal for creating a spectacular view with full access to the outdoors.

## Table of Contents

### 2022-2023

<b>8-15</b>	<b>Step 1</b> Choose Your Configuration
10-11	Single Hinged System
12-13	Double Hinged System
14-15	Garden Venting System
<b>16-19</b>	<b>Step 2</b> Choose Your Products
16-17	Fiberglass & Steel Slabs
18-19	Door Frames
<b>20-23</b>	<b>Step 3</b> Customize With Glass
20-21	Glass Options
22-23	Blink Entry Doorglass
<b>24-25</b>	<b>Step 4</b> Pre-Finishing Options
<b>26-27</b>	<b>Step 5</b> Hardware Drilling Options
26	Architectural Pulls
27	Locking Hardware Options
28	Specifications
<b>29</b>	<b>Step 6</b> Order Checklist



*Woodgrain fiberglass, right hand outswing doors, factory pre-finished with red mahogany stain. Schlage Latitude lever in Satin Nickel finish and Century trim.*



*Steel left hand inswing doors. Pre-finished in custom white.  
Schlage Seville lever in Satin Nickel finish.*



*Soho steel doors feature shaker panelling. This double hinged door system features one active and one inactive door with multipoint astragal. Shown with MegTek 36" offset pull, painted in Buttercup.*



*Woodgrain fiberglass double hinged, left hand outswing. Factory pre-finished with chestnut stain. Schlage keypad deadbolt with handleset in Aged Bronze finish and Camelot trim.*

# Step 1

## Choose Your Configuration



*By using this 8/0 Garden Patio system, sunlight filters in from the floor to ceiling. Shown here is a flush glazed fiberglass door in a wood frame.*





## Garden Patio Doors

Madero Garden Patio Doors offer three select choices for your new construction or renovation project. All types are offered in a variety of sizes to fit your project.



### Single Hinged Garden Patio Doors

**One Door Active | One Door Fixed**

Ideal for accommodating multiple doors – creating a spectacular view.

One door is fixed while the other opens as an active door. Fixed doors create the illusion of a full lite sidelite, allowing additional sunlight to fill your room and provide a full view of the outdoors. Additional fixed panels can be added, to a maximum of four.

*Shown as LH Inswing*



### Double Hinged Garden Patio Doors

**One Door Active | One Door Inactive**

Full clearance double door system – provides the beauty of a garden patio door with full access to the outdoors.

Complete with a multi-point astragal, this product allows the inactive door to be securely locked and sealed or active as required. Active door must be double drilled.

*Shown as Outswing*



### Garden Venting Patio Doors

**One Door Active | One Door Venting**

Designed to provide easy access to outdoor living spaces – as well as ventilation and natural light.

These garden doors features the active door as a typical swing door with optional sash lock. Specify single or double drilling. The venting door is complete with standard screen, roto hardware, and sash locks with tie back.

*Available as 6/8 Outswing only*



# Single Hinged Garden Patio Doors

**One Door Active | One Door Fixed**

Ideal for accommodating multiple doors – creating a spectacular view

## Maximum View & Full Sunlight

One door is fixed while the other opens as an active door. Fixed doors create the illusion of a full lite sidelite, allowing additional sunlight in to fill your room and provide a full view of the outdoors. Select your configuration; inswing or outswing, left or right handed. Additional fixed panels can be added, to a maximum of four. Please contact your sales representative for details.

### Inswing - 6/8 or 8/0 Option



Left Hand Inswing



Right Hand Inswing

### Outswing - 6/8 or 8/0 Option



Left Hand Outswing



Right Hand Outswing





*Double hinged with added fixed panels are shown in this Premium system.*

# Double Hinged Garden Patio Doors

## One Door Active | One Door Inactive

Full clearance double door system – provides the beauty of a garden patio door with full access to the outdoors

### Secure Performance For Your Door System

Complete with multipoint astragal, this product allows the inactive door to be securely locked and sealed, or active as required. Active door must be double drilled. Select your configuration; inswing or outswing, left or right handed. Steel or smooth white fiberglass systems will have a white astragal, textured woodgrain will have a bronze astragal.

**NOTE:** Astragals will not accept paint or stain

### Inswing - 6/8 or 8/0 Option



Active | Inactive



Inactive | Active

### Outswing - 6/8 or 8/0 Option



Active | Inactive



Inactive | Active

### Ultimate Multi-Point Astragal



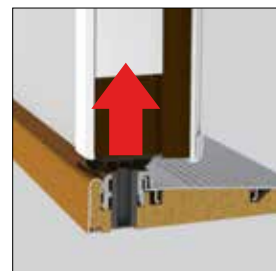
Engaging a standard deadbolt activates built-in locking mechanism



Built-in Lock Pawls engage with keepers in the active door



Flip Lever locks and unlocks the astragal in one easy motion



Flush Bolt and Floating Boot lift clear of the sill for damage free operation



# Garden Venting Garden Patio Doors

One Door Active | One Door Venting

Designed to provide easy access to outdoor living spaces – as well as ventilation and natural light.

## Let In A Burst of Fresh Air

Garden venting doors feature the active door as a typical swing door (outswing only) with optional sash lock. Product comes complete with standard screen mounted to the inside of the venting door, roto hardware, and sash locks with tie bar. Select left or right handed configuration and specify single or double drill. Steel and smooth white fiberglass default hardware is white (unless specified), textured woodgrain default hardware is bronze (unless specified).

**Clips open** for access to exterior of window for easier cleaning



**Screen & Roto Truth Hardware** allow the venting side to open for maximum air circulation



**Sash Locks & Tie Bar Locking System** provide both extra security, and a weatherseal fit

## Outswing - 6/8 only



Left Hand Outswing



Right Hand Outswing

*\*Rectangular transoms are available for all units, with clear dual Low-E or 5 lite internal white grille option*



# Step 2

## Choose Your Products



## Fiberglass Door Slabs

### Neulite Flush Glazed SG10 | WG12

With simple and aesthetically clean glass beadings, Neulite Flush Glazed doors are designed to complement today's contemporary home decors. The smooth white shaker-style beading allows for a 1" standard glass thickness and all standard size glass inserts, whether it be decorative, privacy, textured or completely clear. They can be used as an elegant front entrance or an escape to a backyard garden oasis.



Smooth White Neulite Detail

## Fiberglass | Steel Door Slabs

### Flush Doors with Insert SG00 | WG00 | ED00

The 24 gauge steel, and the fiberglass slab is cut out in manufacturing to accept the Evolve® insert with glass.

The high performance Evolve® frame material provides superior rigidity and eliminates bothersome squeeze-out through the use of a compression foam tape seal. This latest innovation reduces scalloping, corner flare, and warping. The Evolve® HP frame does not require finishing, but can be painted to match your door colour.



Evolve® High Performance Frame



# Door Slabs

## Fiberglass

25 YEAR  
Limited  
Manufacturer's  
Warranty

**BUILT FOR THE  
Canadian  
Climate**



### Exceptional Security

Our full length steel reinforced wood lock block offers exceptional security while allowing a range of hardware mounting options.

### Energy Efficiency

Filled with an insulating core of 100% CFC-free polyurethane foam, providing an excellent R rating, while bonding the two door skins together.

### Performance

Rigid structure prevents bowing and warping in extreme temperatures. The fiberglass skins are resistant to dents, dings, splintering, and corrosion. They are very easy to keep clean.

### Completely Waterproof

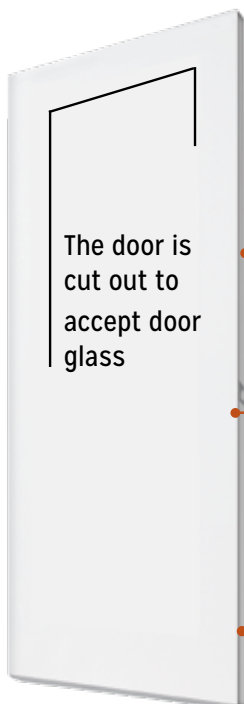
Our full length composite stiles and rails provide complete waterproofing for the door's insulation. The composite materials will not splinter or delaminate and boasts twice the screw holding capacity of wood edge doors.

## Steel Slabs

**Novatech**

10 YEAR  
Limited  
Manufacturer's  
Warranty

A popular choice for Canadian home buyers, our 24 gauge steel doors feature triple shadowed panel embossments for greater detail. The white N600 Polytex finish carries a 10 year warranty, with the smooth, ready to paint finish ready to accept the paint color of your choosing.



The door is cut out to accept door glass

### Durability

Door skins interlock with the stile, providing additional support to reduce delamination and stretching.

### Strength and Security

16" wood lock block provides strength and security while accommodating double bore lockset/deadbolt.

### Energy Efficient

Filled with an insulating core of 100% CFC-free polyurethane foam, providing better energy ratings than a standard styrene core product.

## Pre-Finishing Options

### Smooth white pre-pigmented fiberglass

doors have a warm white finish to match the composite frame and require no painting. The doors will accept an array of paint colours to match the decor of your home.

Woodgrain textured fiberglass doors have a realistic rich appearance requiring paint or stain.

**Steel doors** are supplied with a N600 Polytex finish, requiring no additional paint to achieve a 10 year limited warranty. Polytex white is cool white while Madero's composite frames are warm white. To achieve a uniform appearance, painting will be required.



# Door Frames

## Specifications

All Madero's Artisan door frame systems are constructed of either wood, wood with Framesaver® or composite jamb and brickmould. Available in 4-9/16", 6-9/16", 8-9/16" or custom jamb depth.

Units are complete with factory installed 2" step brickmould profile. Slimline aluminum brickmould is optional and available in black or white inswing units only. To satisfy existing masonry or stucco, ask about custom brickmould options.



## Jamb Options

### Composite

- Woodgrain textured or pre-pigmented smooth white frame components are a blend of PVC and wood fiber composite substrate.
- Composite will not discolour, absorb moisture, splinter or rot.
- Smooth white composite does not require paint while woodgrain composite is supplied in its raw almond finish, requiring paint or stain to achieve a realistic, rich appearance.
- Limited life time warranty.

### Wood

Kiln dried, primed finger-joint pine—double primed for quality performance and ease of painting. Wood frame requires paint on all exposed surfaces within 45 days of purchase.



### Framesaver® Rot-Proof Wood Door Frames

- Never absorbs water, never rots, cracks or warps.
- Lifetime warranty.
- Finishes and paints like wood.
- Finger-jointed construction enhances strength of frame.



### SnapLock Nailing Fin (Composite only)

Incorporating a hinge-style design, Madero's SnapLock nailing fin snaps into place for new home construction or can be scored and trimmed if not required.



# Door Frames Specifications



## Z-Series Inswing Articulating Sill® and Sealing System

- **Superior Performance**

Z-AC cap sill never needs adjustment, automatically adjusting for a lasting seal against leak and air infiltration.

- **Sealing System**

Gaskets are provided to give an additional seal and to eliminate caulking. Matching corner pads are factory installed to seal out air and moisture.



Compression weatherstrip seals tight when the door is closed and expands when open. The Z-AC door bottom is adhered to the door forming a tight seal every time.

- **Additional Protection**

Sills are provided with sill and cap covers to prevent damage during installation.

## Z-Series Inswing Articulating Sill®

Madero Artisan door systems are provided with black caps and black anodized sill decks.



## Z-Series Outswing Bumper Sill®

Madero Artisan door systems are provided with black caps and black anodized sill decks.



### CERTIFIED & TESTED

To meet the stringent NAFS requirements for doors in a new home construction, all Endura door components are certified and tested.

## Z-AC Door Bottom

The Z-AC Door Bottom delivers enhanced protection against air and water infiltration, forming a tight seal every time. Z-AC Door Bottoms seal without caulk for easy assembly and lasting performance.



## Simple Solutions® Corner Pad Weatherstripping

Small in size but big in impact. The Simple Solution Corner Pad seals out air and moisture.

Compression weatherstrip seals tight when the door is closed and expands when opened, providing a long-lasting weather tight solution.



# Step 3

## Customize With Glass



### Low-E Coated Door Glass

Low-E glass is made with an invisible thin metallic coating that blocks heat flow.

A proven energy saver, Low-E glass reduces air conditioning costs by reducing solar transmissions in the summer. In the winter, it reduces heat loss to the outside and allows solar energy to pass inside.

It also reduces fading of carpet and furniture.



Allows solar energy in



Blocks ultraviolet rays



### Clear Low-E

A perfect choice for the unobstructed view of your outdoor spaces.

### Clear Triple Low-E

Adding a second Low-E pane to your door for triple glazing will boost its energy efficiency.

The argon gas in your glazing reduces heat transfer by convection and improves energy efficiency.



## Window Grille Door Glass

Easy-to-Clean & Energy Efficient

Internal 5/8" grilles provide the beauty of a true divided light with ease of cleaning. Low-E glass to maximize energy efficiency



### Rectangle Grille

15 Lite - 6/8 only | 18 Lite - 8/0 only



15 Lite 6/8



15 Lite 6/8



18 Lite 8/0



18 Lite 8/0



### Enclosed Mini Blinds

Blinds lower neatly within full privacy channels to eliminate light gaps. Uniform color in components provides a clean aesthetic look. Low-E coating.





## Blink Entry Doorglass

### Private, Convenient & Maintenance-Free

The single operator lets you raise, lower or tilt the blinds in an easy, slight movement. Blinds adjust for complete light block, and the privacy channels on each side eliminate light gaps when the blinds are closed. Enclosed blinds are sealed tight to eliminate dusting.

*Glass options are provided with energy saving Low-E glass.*



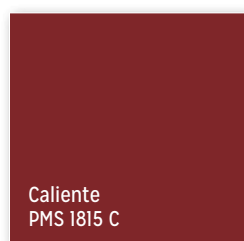
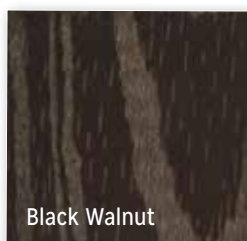
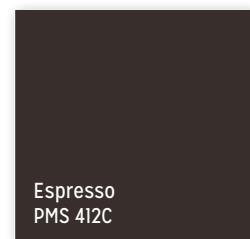
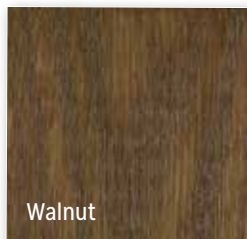
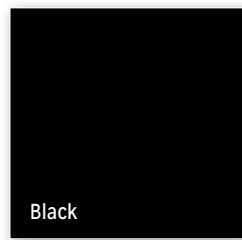
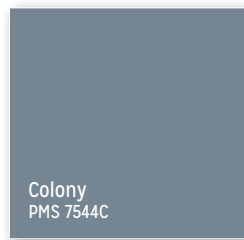
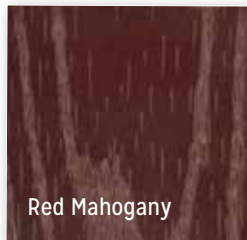
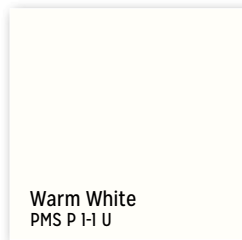
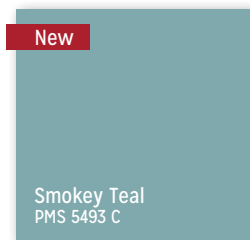
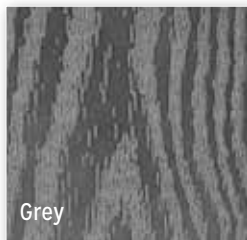
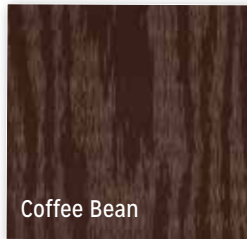
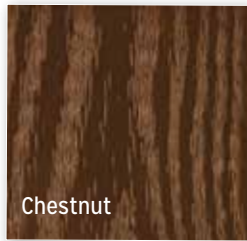
# Step 4

## Pre-Finishing Options





## Finished to Suit Your Style



Madero has identified and selected some of the more popular paint and stain colours. Streamline the colour matching process for your project by selecting from Madero's popular colour choices.

**Steel doors** are supplied with a polytex finish. Painting is not required, however, the door will accept an array of paint colours to match your home.

**Smooth white** fiberglass doors are supplied in natural pre-pigmented warm white finish. Painting is not required, however, the door will accept an array of paint colours to match your home.

**Woodgrain** fiberglass doors are supplied with factory almond finish, requiring paint or stain.

**For dark** coloured finishes, heat reflective paint is required to achieve a full warranty.

*Printed swatch colours may vary slightly from actual product. If you are concerned about exact colour match, we recommend you first request a product sample for accuracy.*

*Option to paint one side is available. Specify at time of ordering. Split finish option also available.*

# Step 5

## Hardware Drilling Options

### Architectural Door Pulls

The Rockwood Collection of architectural hardware is designed with strict attention to detail, from the selection of top-grade materials to application of the finest finishes, resulting in a product of the highest caliber for decades of lasting beauty. All door pull systems are constructed with two architectural grade roller latches. For more options refer to [madero.ca](http://madero.ca)

#### NoirTek™ Collection

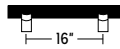
(Straight RM3910 / Offset RM3940)



NoirTek's durable black hard coat anodized grip complements many design schemes.

- 16" CTC x 1-1/4" diameter straight or offset pull
- Black hard coat anodized grip, stainless steel mounts

Available sizes: 16" Offset  
16" Straight



#### MegaTek™ Collection

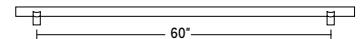
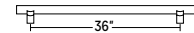
(Offset RM3311)



Ladder pulls are an artful and functional solution for a dramatic entrance design.

- 36" CTC or 60" CTC x 1-1/4" diameter offset pull
- Polished stainless steel

Available sizes: 36" Offset  
60" Offset



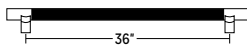
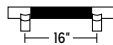
#### SoftMet™ Collection

(Straight RM2510 / Offset RM2540)



- Durable, weather-resistant black Santoprene™ grip—a high performance engineered thermoplastic elastomer
- 16" CTC x 1-1/4" diameter straight or offset pull or 36" CTC x 1-1/4" diameter offset pull
- Stainless steel ends and mounts

Available sizes: 16" Offset  
16" Straight  
36" Offset



#### RegaLead Collection

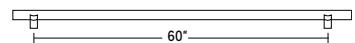
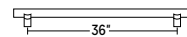
(RM-PB-05)



Stainless steel pull bars are the perfect accessory for contemporary doors.

- 36" CTC or 60" CTC x 1-1/4" diameter offset pull

Available sizes: 36" Offset  
60" Offset



Brush Anodized

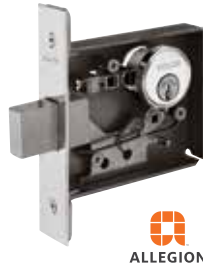
Matte Black  
'Leather'

# Locking Hardware Options



## Cylindrical Deadbolt (B60)

- Cylindrical deadlock
- Anti-pick shield protects against hammer and crowbar attacks
- Fits into standard 2-1/8" hole
- Lifetime finish and mechanical guarantee
- Grade 1 - Highest Residential Security Rating
- Finishes: Matte Black, Satin Chrome



## High Security Mortise (L460P)

- High security mortise lock
- 3 year limited manufacturer's warranty
- Exceeds Grade 1 testing
- Minimalistic cylinder for architectural or European design
- Solid stainless and brass components
- The best in traditional keyed entry locks
- Finish: Satin Chrome



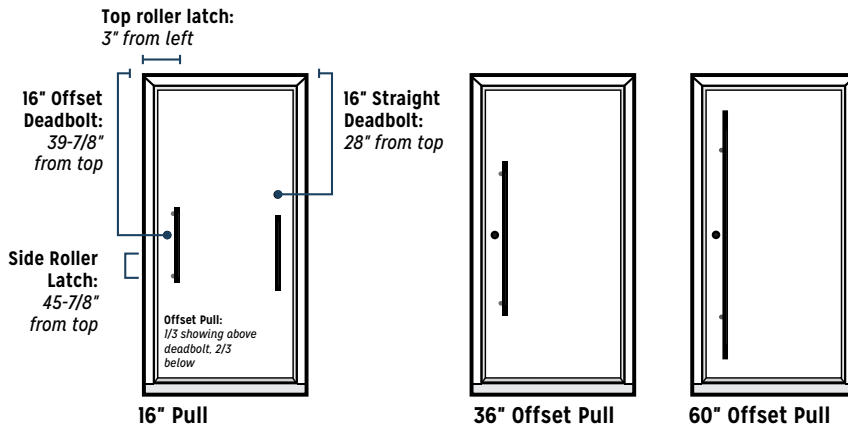
## Roller Latch (RL30)

- Maximum projection of the roller is 3/8" allowing for variance in the door clearance
- Nylon roller standard
- Stainless steel construction
- Adjustable tension
- Finishes: Stainless Steel, Oil Rubbed Bronze

*Note: Some regions may require a double latching system to meet local building codes. Contact your local building inspector for more information.*

# Architectural Door Pull Visualizer

## Determine Your Desired Product Style



Offset pulls are designed to incorporate a deadbolt along the length of the pull, whereas a straight pull incorporates the deadbolt installation above the pull.

## Offset vs. Straight

Offset vs. straight is usually determined based on the aesthetics you are hoping to achieve, and the functionality required to ensure you have a product which meets your everyday needs.

Offset pulls are designed to incorporate a deadbolt along the length of the pull, allowing additional clearance when locking/unlocking the deadbolt, whereas a straight pull incorporates the deadbolt installation above the pull.

## Back-to-Back Mounting

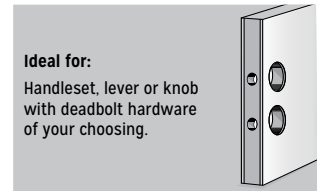
Two door pulls are connected through the door, each pull opposite the other.



All Madero fiberglass slabs feature a full height lock block for lifelong performance.

*Disclaimer: All measurements are calculated from the top left of door slab. Some regions may require specific drill locations for deadlock options. Contact your local building inspector for more information.*

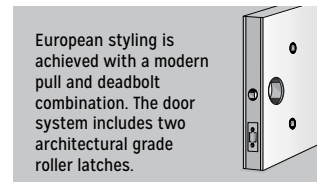
## Double Drill



**Ideal for:**  
Handleset, lever or knob with deadbolt hardware of your choosing.

## Deadbolt / Pull Option

*Fiberglass only*



European styling is achieved with a modern pull and deadbolt combination. The door system includes two architectural grade roller latches.

# Specifications

## Finished Frame Widths

<b>SINGLE HINGED</b>	<i>Net Frame Width</i>	<b>DOUBLE HINGED</b>	<i>Net Frame Width</i>	<b>GARDEN VENTING</b>	<i>Net Frame Width</i>
2/6 + 2/6	63"	2/6 + 2/6	62 1/4"	2/6 + 2/6	63"
2/8 + 2/8	67"	2/8 + 2/8	66 1/4"	2/8 + 2/8	67"
2/10 + 2/10	71"	2/10 + 2/10	70 1/4"	2/10 + 2/10	71"
3/0 + 3/0	75"	3/0 + 3/0	74 1/4"	3/0 + 3/0	75"

\* 8/0 height is only available in a fiberglass door and composite frame option.

\* Renovator Garden Doors are available in steel doors and wood frame option. Refer to the Entry Garden Door Program.

\* Garden Venting in 6/8 outswing only.

## Finished Frame Heights

<b>INSWING</b>	<i>Net Frame Height</i>
6/8	81 3/4"
8/0	97 3/4"

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<b>OUTSWING</b>	<i>Net Frame Height</i>
6/8	80 3/4"
8/0	96 3/4"

## Rough Opening Measurements (RO)

Add 1" to width of net frame

Add 1/2" to height of net frame

For 14" transom, add 15-3/4" to height of net frame.

## Outside Measurements of Brickmould (OSM)

Add 2-1/2" to width of net frame

Add 1-1/4" to height of net frame

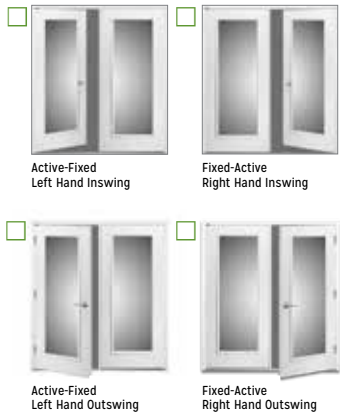


# Step 6 | Ordering Checklist

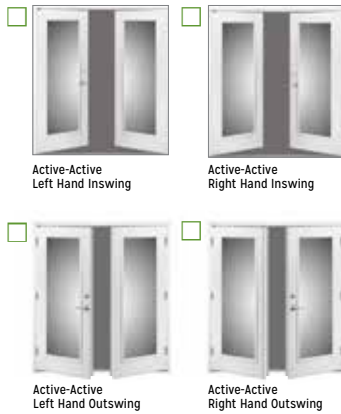
## STEP 1 Configuration Options

Choose garden patio door system configuration:

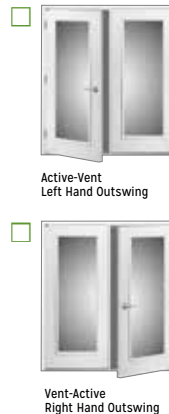
### Single Hinged Options:



### Double Hinged Options:



### Venting



## STEP 2 Product

Choose door/frame pairing: *flush slab with insert (00) or Neulite (SG10, WG12)*

- Steel Door  Smooth White Fiberglass  Oakgrain Textured Fiberglass  
 00  00  00  
 10  10  12

Choose Frame:

- Wood  
 Smooth White Composite  
 Textured Composite

## STEP 3 Glass Options

Choose door lite glass:

- Clear Dual Low-E  Clear Triple Low-E  Enclosed Mini Blind  
 White Grille:  15 Lite  18 Lite Black Grille:  15 Lite  18 Lite

If transom required:

- Clear Dual Low-E

## STEP 4 Pre-finishing Options

Stain or Paint Options: *(Stain only available with textured fiberglass only)*



- Paint/Stain Unit - Both Sides  
 Paint/Stain Unit - Exterior Side Only  
 Paint/Stain Unit - 2 Colours  
 Paint/Stain Slab Only - Both Sides  
 Paint/Stain Slab Only - Exterior Side Only

## STEP 5 Determine Specifications

Choose door size:

- Width:  2/6 - 2/6 (63")  2/8 - 2/8 (67")  2/10 - 2/10 (71")  3/0 - 3/0 (75")

Height:  6/8

- 8/0

Choose jamb depth:

- 4-9/16"  6-9/16"  8-9/16"

Default brickmould: 180 step

- Attached brickmould  Shipped loose  Brickmould not required

Aluminum Sill: Bronze Anodized

- Sash Locks on active door

Specify your hinge finish:



Choose desired hardware drilling prep:

**ACTIVE DOOR**



**INACTIVE DOOR**

- Blank  Single Drill (No Edge Bore)  
 Double Drill (no edge bore)

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Store Name of #: \_\_\_\_\_ Tag: \_\_\_\_\_ PO: \_\_\_\_\_

While Madero makes every effort to ensure the information contained in this brochure is accurate, we do not accept liability for any inaccuracies. This brochure is subject to change, as well as errors and omissions, without notice or liability. Doors are provided unfinished/unstained and without hardware unless otherwise noted. All photos are for illustration purposes only and depicted doors and frames may not represent Madero products.







## Make Your Grand Entrance.

Looking for a high quality, complete door and hardware package for your home? Madero offers a wide array of door designs and configurations with highly customizable glass and hardware options suitable for both interior and exterior applications.



Entry Doors



Artisan Doors



Interior Doors



Multi-Family




Larson Product Catalogue



Commercial

Contact us at:

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