




GARDEN PATIO DOORS

2019





LET THE SUN SHINE IN

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

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This Entrada woodgrain fiberglass stained chestnut provides a stunning visual to any space. Shown as a double hinged right hand outswing



*Smooth white FiberComp requires no painting or maintenance.
This door will look just as beautiful for years to come.*

STEP 1 Choose Your Products

Madero offers a variety of product pairings to meet the specific needs of our customers. Select from steel or fiberglass doors and from wood or composite frames.

For features, sizes and benefits related to each of these products, please refer to pages 22-25.

Steel Garden Patio Door Systems

PREMIUM^M

High Definition Steel Door
Premium Wood Frame

STEELCOMP^M

High Definition Steel Door
Premium Smooth White
Composite Frame



Fiberglass Garden Patio Door Systems

^M **PLUS**

Smooth White Fiberglass Door
Premium Wood Frame

^M **FIBERCOMP**

Smooth White Fiberglass Door
Premium Smooth White Composite
Frame

^M **Entrada**

Woodgrain Fiberglass Door
Premium Woodgrain
Composite Frame



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.

STEP 2 Choose Your Configuration

GARDEN PATIO DOORS

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 multipoint 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 feature 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 bar.

Available as 6/8 Outswing only



Three panel single hinged unit provides maximum wall coverage.
Shown as fixed, fixed, RH out (GP 6RO FFA)

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



4 9/16" Jamb 1.4 - GP 4 RHINPOST AF
6 9/16" Jamb 1.6 - GP 6 RHINPOST AF



4 9/16" Jamb 2.4 - GP 4 LHINPOST FA
6 9/16" Jamb 2.6 - GP 6 LHINPOST FA



4 9/16" Jamb 3.4 - GP 4 LH IN AF
6 9/16" Jamb 3.6 - GP 6 LH IN AF



4 9/16" Jamb 4.4 - GP 4 RH IN FA
6 9/16" Jamb 4.6 - GP 6 RH IN FA

Outswing - 6/8 or 8/0 Option



4 9/16" Jamb 7.4 - GP 4RO POST AF
6 9/16" Jamb 7.6 - GP 6RO POST AF



4 9/16" Jamb 8.4 - GP 4LO POST FA
6 9/16" Jamb 8.6 - GP 6LO POST FA



4 9/16" Jamb 9.4 - GP 4LO AF
6 9/16" Jamb 9.6 - GP 6LO AF



4 9/16" Jamb 10.4 - GP 4RO FA
6 9/16" Jamb 10.6 - GP 6RO FA



*A 6/8 Premium unit shown as lefthand outswing.
The multi point astragal is visible on the right
hand door exterior.*

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



4 9/16" Jamb 5.4 W - GP 4 WHT LHIN 6/8 AA
6 9/16" Jamb 5.6 W - GP 6 WHT LHIN 6/8 AA



4 9/16" Jamb 6.4 W - GP 4 WHT RHIN 6/8 AA
6 9/16" Jamb 6.6 W - GP 6 WHT RHIN 6/8 AA

Outswing - 6/8 or 8/0 Option



4 9/16" Jamb 11.4 W - GP 4LO WHT 6/8 AA
6 9/16" Jamb 11.6 W - GP 6LO WHT 6/8 AA



4 9/16" Jamb 12.4 W - GP 4RO WHT 6/8 AA
6 9/16" Jamb 12.6 W - GP 6RO WHT 6/8 AA

MULTI-POINT ASTRAGAL

Patented lock pawls are activated by the deadbolt to engage keepers in the active door, providing three locking points. This prevents deflection and air or water infiltration.



- 1 Patented Spring Loaded Floating Boot
- 2 Lower Multi-Point Lock Pawl
- 3 Flip-Lever Activates Floating Boot
- 4 4-Way Adjustable Strike
- 5 Multi-Point Lock Actuator
- 6 Upper Multi-Point Lock Pawl
- 7 Upper Flush Bolt



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



4 9/16" Jamb **9.4** - GP 4LO WHT ACT-VENT
6 9/16" Jamb **9.6** - GP 6LO WHT ACT-VENT



4 9/16" Jamb **10.4** - GP 4RO WHT VENT-ACT
6 9/16" Jamb **10.6** - GP 6RO WHT VENT-ACT

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



White



Sand



Brushed Chrome



Coppertone



Bronze



Black

For over 50 years, **Truth Hardware** has been recognized as the industry leader in the design and manufacture of quality operating hardware.

This hardware meets or exceeds the maximum performance requirements that are sought in today's market of larger venting doors. Truth Hardware has been long recognized for its vast array of quality finishes and its ability to provide the most attractive, easiest operating and highest performing window hardware.

Madero Garden Patio Doors include Truth Hardware operators with standard collapsible handles to avoid interference with blinds.



*SteelComp Double Hinged with
Clear Low-E Glass*

Garden Patio Door Glass Options



Clear Low-E

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



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.



Window Grille Door Glass

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

Low-E Coating Featured In All of the Above

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.



Blocks ultraviolet rays



Allows solar energy in



*Double hinged with added fixed panels
are shown in this Premium system. Order
as GP 6LO WHT 6/8 FAAF*

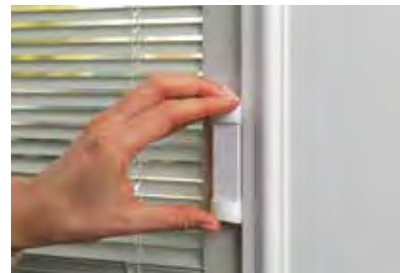
Enclosed Mini Blinds

Raise | Lower | Tilt

Enclosed Between Glass and Easily
Adjusted with a Single Operator



Full privacy and light blocking



Simple easy blind control

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.



Between the glass and maintenance-free



5/8" Flat Grille between Clear Low-E glass

Rectangle Grille

- All sizes except 2/4
- 10 Lite and 15 Lite - 6/8 only
- 12 Lite and 18 Lite - 8/0 only

Prairie Grille

- All sizes except 2/4
- 6/8 and 8/0 height

Window Grille Door Glass

Grille Between Low-E Glass

Classic Design with Modern Features to Complement Traditional Homes

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

Choose from 5/8" Standard Rectangle Grille or Prairie Grille to match the architectural detailing of your home.



*Premium 15 Lite Rectangular Grille
Double Hinged System*

Prairie Grille



9 Lite 8/0
612-PIM
496-PIM



9 Lite 6/8
686-PIM
687-PIM



18 Lite 8/0
612-GBG
496-GBG



12 Lite 8/0
612-GBG
496-GBG
487-GBG



15 Lite 6/8
686-GBG
687-GBG



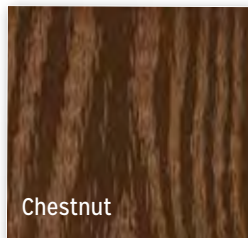
10 Lite 6/8
686-GBG
687-GBG
624-GBG

Rectangle Grille



Making a statement, this 8/0 double hinged outswing unit is a woodgrain fiberglass Entrada system. Factory prefinished with chestnut stain and Schlage keypad deadbolt with handleset in Aged Bronze finish and Camelot trim.

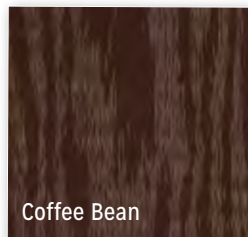
STEP 4 Prefinishing Options



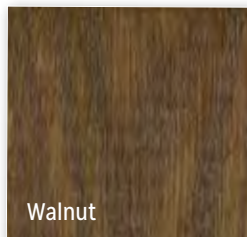
Chestnut



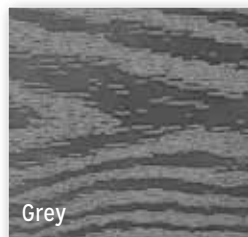
Red Mahogany



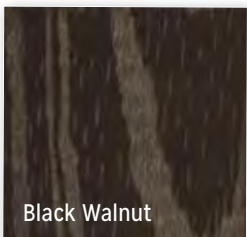
Coffee Bean



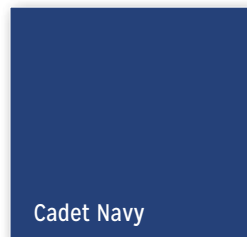
Walnut



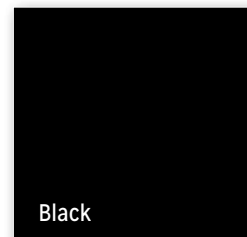
Grey



Black Walnut



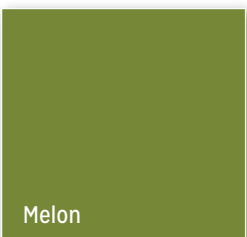
Cadet Navy



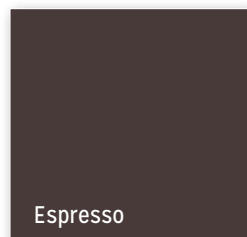
Black



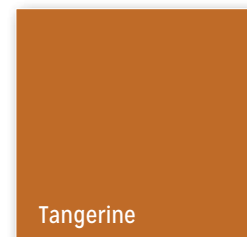
Buttercup



Melon



Espresso



Tangerine

Finish With Ease

Steel doors are supplied with a primed finish. Painting is required.

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.



Finished to Suit Your Style

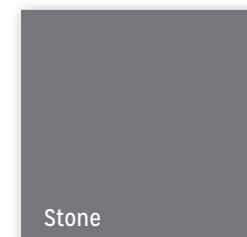
Madero has identified and selected some of the more popular paint and stain colours. Streamline the colour matching process for your project by selecting from Madero's popular colour choices.

Contact your supplier for more details.

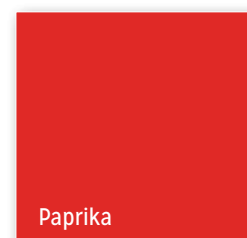
Printed swatch colours may vary slightly from actual product. If you are concerned about exact colour match, we recommend you first request a product sample for accuracy.



Cranberry

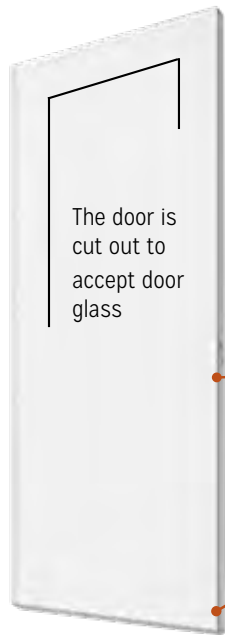


Stone



Paprika

STEEL DOORS



PREMIUM

High Definition Steel Slab
Premium Wood Frame

STEELCOMP

High Definition Steel Slab
Premium Smooth White
Composite Frame

10 YEAR
Limited
Manufacturer's
Warranty

Novatech®

Durability

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

Strength and Security

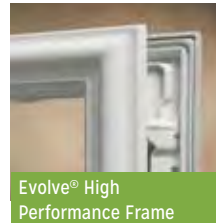
12" wood lock block provides strength and security while accommodating double bore lockset/deadbolt.

Energy Efficient

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

Steel Flush Door (ED00)

The 24 gauge steel 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.

FIBERGLASS DOORS

Madero's fiberglass door systems are specifically designed to withstand the harsh Canadian climate.

PLUS

Smooth White Fiberglass Door
Premium Wood Frame

FIBERCOMP

Smooth White Fiberglass Door
Premium Smooth White
Composite Frame

Entrada

Woodgrain Fiberglass Door
Premium Woodgrain
Composite Frame

25 YEAR
Limited
Manufacturer's
Warranty



Durability

The fiberglass skins are resistant to dents, dings, splintering and corrosion. Composite stiles will not splinter like wood or deteriorate like steel.

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.

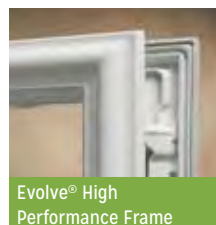
Completely Waterproof

Crafted with Hydroshield technology, the composite stiles and rails will never absorb water, eliminating rotting or swelling associated with wood.



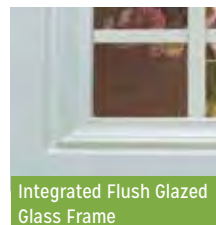
Fiberglass Flush Door (SG00, WG00)

The fiberglass slab is cut out in manufacturing to accept the Evolve® insert and glass. The Evolve® insert has the highest quality standards in the industry today.



Fiberglass Standard View (WG12, WG12)

Flush glazed slab provides sleek lines to give the perception of an enhanced viewing area. Smooth white or oak woodgrain is consistent from door edge to glass. Manufactured as a one piece open and beaded mould with glass installed during assembly.



COMPLETE FRAME SYSTEM

Madero exterior door systems are designed with high-quality components, ensuring every product incorporates a superior frame structure. All frame systems include premium extruded aluminum sill, hinges, weatherstripping and 2" 180 step brickmould (wood or composite) to complete the design.

GARDEN PATIO[®] DOORS

5 YEAR
Limited
Manufacturer's
Warranty on Frame
Components

Frame Components

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

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.



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.



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.



Weather-Tight Solution



Extended Reach Weatherstrip

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



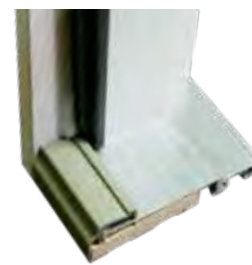
Gaskets & Seal Pads

Gaskets and corner seal pads allow for uniform seal pressure, enhancing the weather barrier within the frame, and providing another level of protection from the elements.



Adjustable Strike

Adjustable strike plates provide a snug fit between the door and jamb, guaranteeing a secure connection with the latch and reducing rattling within the frame. Not available on a double hinged system.



Sill & Bottom Sweep

Combination of sill and sweep provide a tight seal against moisture infiltration at the bottom of the door system.



STEP 5 Determine Frame Size

Finished Frame Widths

SINGLE HINGED	<i>Net Frame Width</i>	DOUBLE HINGED	<i>Net Frame Width</i>
2/4 + 2/4	59"	2/4 + 2/4	58 1/4"
2/6 + 2/6	63"	2/6 + 2/6	62 1/4"
2/8 + 2/8	67"	2/8 + 2/8	66 1/4"
2/10 + 2/10	71"	2/10 + 2/10	70 1/4"
3/0 + 3/0	75"	3/0 + 3/0	74 1/4"

GARDEN VENTING	<i>Net Frame Width</i>	GARDEN RENOVATOR*	<i>Net Frame Width</i>
2/6 + 2/6	63"	5/0	59" X 79 1/4"
2/8 + 2/8	67"	6/0	71" X 79 1/4"
2/10 + 2/10	71"	<i>* Steel door only</i>	
3/0 + 3/0	75"		

Finished Frame Heights

INSWING	<i>Net Frame Height</i>	OUTSWING	<i>Net Frame Height</i>
6/8	82"	6/8	81"
8/0	98"	8/0	97"

Rough Opening Measurements

To calculate rough opening, add 1" to width and add 1/2" to height of net frame. For transom, add 15 3/4" to height of net frame.

Brickmould Outside Measurements (OSM)

To calculate the outside measurement of brickmould, add 2 1/2" to width and add 1 1/4" to height of net frame.



Product Availability Chart

6/8 - Standard Frame Glass Insert (ED00, SG00, WG00)

	2/6	2/8	2/10	3/0	5/0	6/0
Premium	✓	✓	✓	✓	✓	✓
SteelComp	✓	✓	✓	✓	✓	✓
Plus	✓	✓	✓	✓	✗	✗
FiberComp	✓	✓	✓	✓	✗	✗
Entrada	✓	✓	✓	✓	✗	✗

6/8 - Flush Glazed Fiberglass Only (SG12, WG12)

	2/6	2/8	2/10	3/0
Premium	✗	✗	✗	✗
SteelComp	✗	✗	✗	✗
Plus	✓	✓	✓	✓
FiberComp	✓	✓	✓	✓
Entrada	✓	✓	✓	✓

8/0 - Standard Frame Glass Insert (SG00, WG00)

	2/6	2/8	2/10	3/0
Premium	✗	✗	✗	✗
SteelComp	✗	✗	✗	✗
Plus	✗	✗	✗	✗
FiberComp	✓	✓	✓	✓
Entrada	✓	✓	✓	✓

8/0 - Flush Glazed Fiberglass Only (SG12, WG12)

	2/6	2/8	2/10	3/0
Premium	✗	✗	✗	✗
SteelComp	✗	✗	✗	✗
Plus	✗	✗	✗	✗
FiberComp	✓	✓	✓	✓
Entrada	✓	✓	✓	✓



ORDERING CHECKLIST

STEP 1

Choose Your Product

Choose door/frame pairing: *flush slab with insert or flush glazed (fiberglass only)*

☐ PREM

PREMIUM

High Definition Steel Door
Premium Wood Frame

☐ STC

STEELCOMP

High Definition Steel Door
Premium Smooth White
Composite Frame

☐ PLUS

PLUS

Smooth White Fiberglass Door
Premium Wood Frame

☐ 00

☐ 12

☐ FC

FIBERCOMP

Smooth White Fiberglass Door
Premium Smooth White Composite
Frame

☐ 00

☐ 12

☐ EN

Entrada

Woodgrain Fiberglass Door
Premium Woodgrain
Composite Frame

☐ 00

☐ 12

STEP 2

Choose Your Configuration

Choose garden patio door system configuration:

Single Hinged Options:

☐



Active-Fixed
Right Hand Inswing
Hinged Center Post

☐



Fixed-Active
Left Hand Inswing
Hinged Center Post

☐



Active-Fixed
Left Hand Inswing

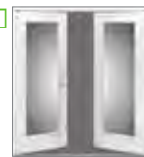
☐



Fixed-Active
Right Hand Inswing

Double Hinged Options:

☐



Active-Active
Left Hand Inswing

☐



Active-Active
Right Hand Inswing

Venting

☐



Active-Vent
Left Hand Outswing

☐



Active-Fixed
Right Hand Outswing
Hinged Center Post

☐



Fixed-Active
Left Hand Outswing
Hinged Center Post

☐



Active-Fixed
Left Hand Outswing

☐



Fixed-Active
Right Hand Outswing

☐



Active-Active
Left Hand Outswing

☐



Active-Active
Right Hand Outswing

☐



Vent-Active
Right Hand Outswing

STEP 3

Customize with Glass

Choose door lite glass:

☐ Clear Dual Low-E

☐ Enclosed Mini Blind

White Grille: ☐ 9 Lite

☐ 10/12 Lite

☐ 15/18 Lite

If transom required:

☐ Clear Dual Low-E

☐ 5 Lite Internal White Grille

STEP 4

Prefinishing Options

Stain Options: (For textured fiberglass only)

Paint Options:



☐ Red Mahogany



☐ Walnut



☐ Black Walnut



☐ Coffee Bean



☐ Chestnut



☐ Grey



☐ Espresso



☐ Cranberry



☐ Stone



☐ Tangerine



☐ Buttercup



☐ Cadet Navy



☐ Melon



☐ Paprika



☐ Black

STEP 5

Determine Size

Choose door size: (Refer to product availability chart, page 24)

Width: ☐ 2/6 - 2/6 (63")

☐ 2/8 - 2/8 (67")

☐ 2/10 - 2/10 (71")

☐ 3/0 - 3/0 (75")

☐ Renovator 5/0 (59")

☐ Renovator 6/0 (71")

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

Choose aluminum sill: ☐ Standard (Mill Finish) ☐ Bronze Anodized

HARDWARE:

Specify your hinge finish:

☐



C-2G
Zinc
Plated

☐



C-4
Brushed
Brass

☐



C-10B
Oil Rubbed
Bronze

☐



C-26D
Brushed
Chrome

☐



C-1D
Matte
Black

Choose desired hardware drilling prep:

ACTIVE DOOR

☐ SD (Single Drill)

☐ DD (Double Drill)

INACTIVE DOOR

☐ Blank

☐ Single Drill (No Edge Bore)

☐ Double Drill (no edge bore)

Customer Signature: _____ Date: _____

Store Name or #: _____ 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 Series



Designer Entry Series



B&W Designer Entry Series



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