

POLARISWINDOWS.COM



Ultra Entry Door
THERMAL STEEL + FIBERGLASS

UltraEntry

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ENERGY STAR® QUALIFIED DOORS ALL 50 STATES

STEEL

	1/4 Lite	1/2 Lite	3/4 Lite	Full Lite
Decorative Glass w/ Caming	Yes	Yes	Yes	No
1/2" City Lites Exterior Molded Grids	Yes	No	No	No
1/2" City Lites Exterior Molded Grids Low E / Argon	Yes	Yes	Yes	No
1" City Lites w/ or w/out Internal Grids	Yes	No	No	No
1" City Lites w/ or w/out Internal Grids Low E / Argon	Yes	Yes	Yes	Yes
No Glass	Yes			

FIBERGLASS

	1/4 Lite	1/2 Lite	3/4 Lite	Full Lite
Decorative Glass w/ Caming	Yes	Yes	Yes	Yes
1/2" City Lites Exterior Molded Grids	Yes	No	No	No
1/2" Glass Exterior Molded Grids Low E / Argon	Yes	Yes	Yes	Yes
1" City Lites w/ or w/out Internal Grids	Yes	No	No	No
1" Glass w/ or w/out Internal Grids Low E / Argon	Yes	Yes	Yes	Yes
No Glass	Yes			

Obscure glass treated as Clear

WELCOME HOME

The entrance to your house is more than just a door, it's the focal point of your home.

We take this to heart at Polaris®. That is why you'll find beauty, quality and energy-efficiency in the door system we'll make especially for you. Have confidence in the quality of your door with our Lifetime Limited Warranty. Glass lites have the best warranty in the industry: 20 years for decorative glass and 30 years for clear glass. Welcome to Polaris.

POLARIS IS AN ENERGY STAR® PARTNER

Polaris is committed to energy efficiency.

Trust that ENERGY STAR qualified products meet strict energy efficiency guidelines set by the US Environmental Agency and the Department of Energy. Make a difference for the environment while saving energy and money.



PRISTINE

We want your new entrance to look great and function well with minimum upkeep. All that's needed to protect the finish is an annual application of polyurethane. Protect your door jamb with cladding that matches your door color. The standard Ultra Performance composite frame is guaranteed for life against rot and insect damage. Choose from a wide selection of Schlage® hardware with warranted finishes and moving parts.

GLASS & LIGHT

Polaris decorative glasslites are hand assembled by craftsmen. Wavy textures, tiny bubbles and other natural effects of art glass all reflect light differently. The metal framework is filled with moving light. The result is a unique, quality work of art.



Ultra Entry



EXPRESSIONS

14



CADENCE

14



LEGACY MASTER

15



PARIS

15



HEIRLOOMS

16



GRACE

16



MONTEREY

17



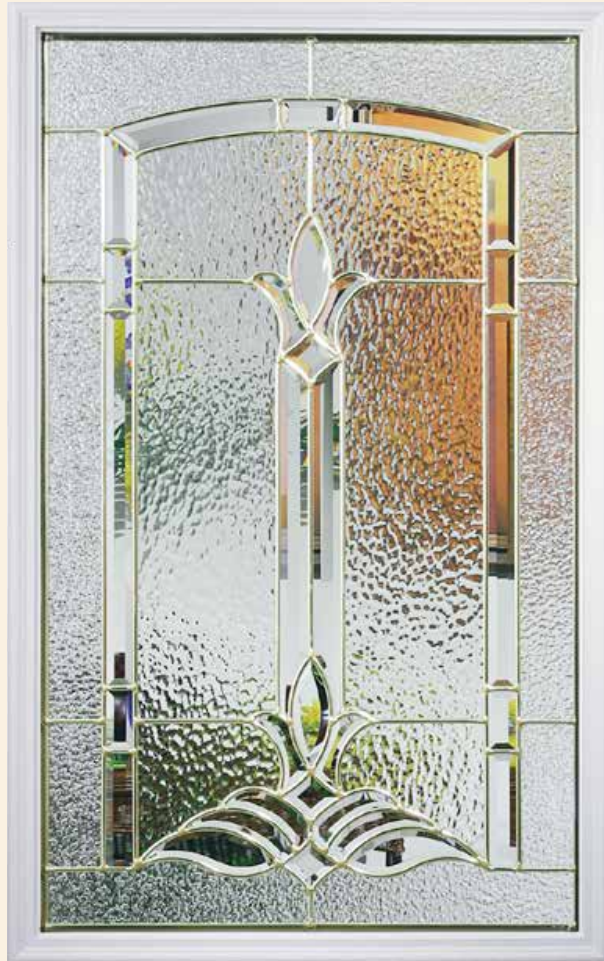
IMPRESSIONS

17



BRISTOL

18



NOUVEAU

18



MAJESTIC

19



PRAIRIE BEVEL

20



OAK PARK

20



COMPASS

21



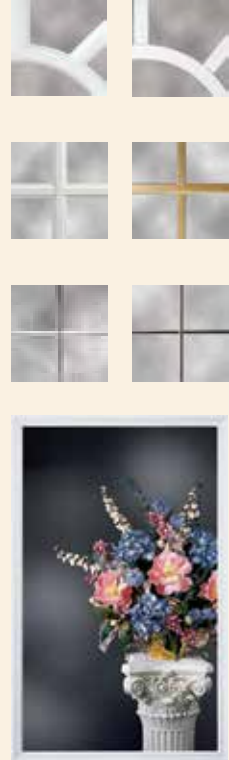
TRACE

21



CITY LITES

24



MINI BLINDS

23

VENT LITES

23

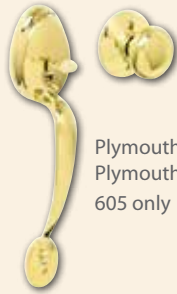


 *Polaris Ultra Entry Door*
THERMAL STEEL + FIBERGLASS

Hardware is available in all finishes unless noted.



Polished Brass
605/505



Plymouth/
Plymouth
605 only

Antique Brass
609



Camelot/
Georgian
716 & 609 only

Satin Nickel
619



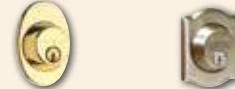
Camelot/
Accent*
NA 609

Aged Bronze
716



Plymouth/
Flair*
NA 609

Handlesets
w/ internal knob



Plymouth

Camelot
NA 609

Keypad Handlesets



605 only



Plymouth/Flair*

Keypad Locksets & Leversets



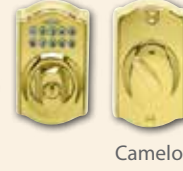
NA 716

Camelot/Georgian



Camelot/Accent*

Keypad Deadbolts



Camelot



Plymouth

Touchscreen Deadbolts

also avail. in 716



Camelot
605/505

Camelot
619



Plymouth / 605 only



Georgian / NA 605



Accent*



Standard
Heavy Duty
Ball Bearing Hinges

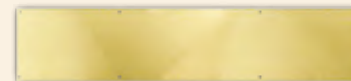
Smooth, Quiet Operation
Durable
Match hardware finish
Optional spring loaded hinges



Double Key



Single Thumb Turn



Screw On Kick Plate

*Levers meet all requirements of the
Americans with Disabilities Act [ADA].

HARDWARE & ACCESSORIES



ELECTRONIC SECURITY

Keypad Entry Locks mean no keys to hide, lose, carry or forget. Just enter your four digit code and you're key-free.

MAXIMUM PEACE OF MIND

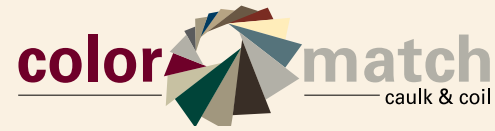
Schlage Maximum Security Handlesets and Deadbolts provide the best security in their class. Both provide Grade 1 Security features. Deadbolts exceed ANSI Grade 2 standards.

PAINT & STAIN

Let us paint or stain your entry door for you. Choose from 25 paint and stain options. Your door can be painted with a single color or different interior & exterior colors. Order your door factory primed to apply your own paint or stain.

SURFACE

For the crisp look of a freshly painted door, choose the smooth surface. For the warm feel of wood, choose wood-grain texture. The surface emulates a traditionally constructed wood door. Grain direction is horizontal on the stiles and vertical on the posts and panels.



Refer to page 11 for details on Cladding



CAMING

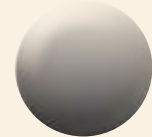
Brass



Nickel



Patina

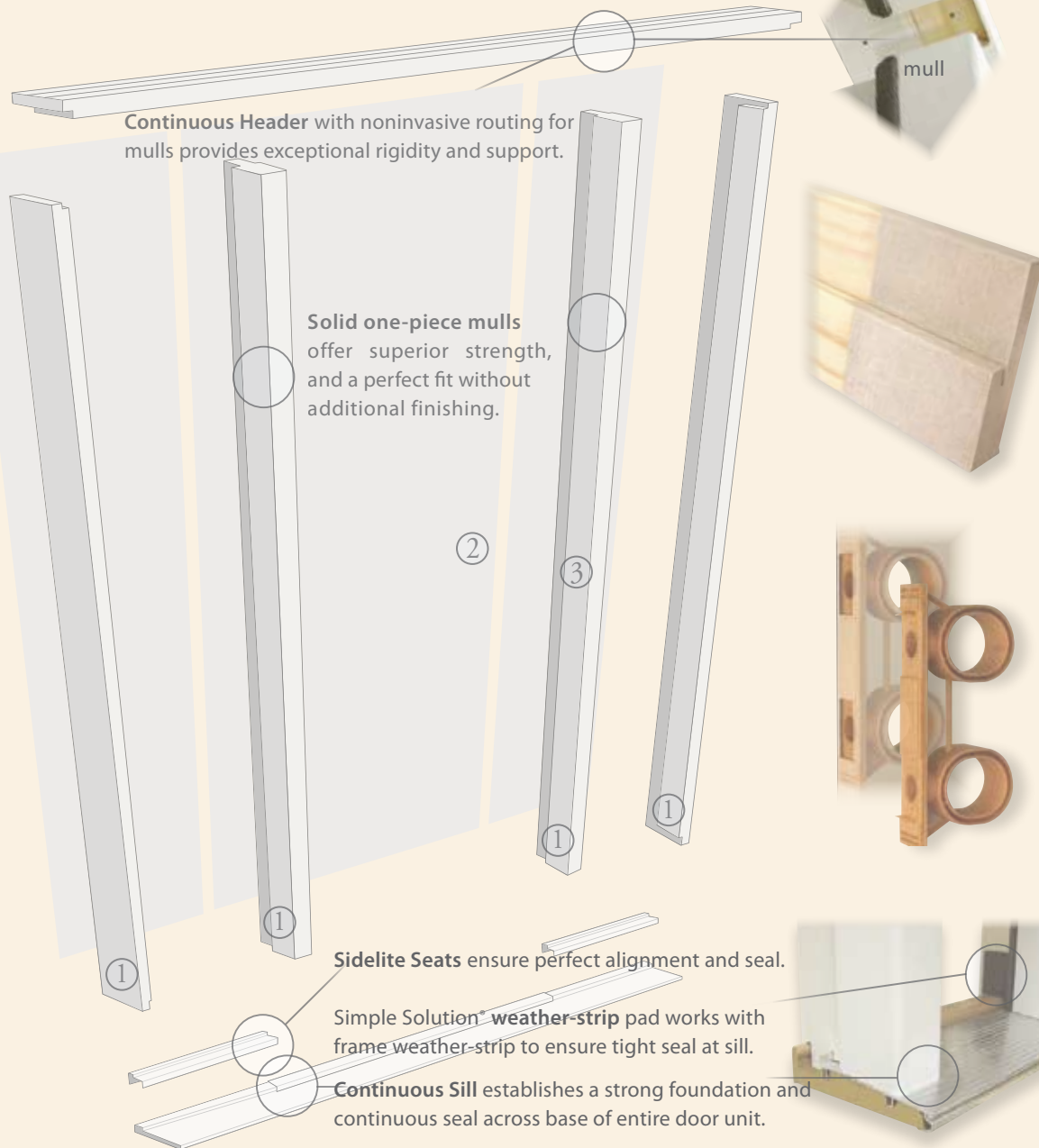


Satin Nickel



Stain colors shown on fiberglass. Stain on steel may vary in tone. Colors shown may not be accurate to actual surface. Please refer to Door Color Selector for actual samples.*NA Cladding

ENDURE SERIES FRAME SYSTEM



STEEL & FIBERGLASS FEATURES

ULTRA PERFORMANCE FRAME ①

Standard Exterior Frame & Brick Mould

- Rot Resistant** Composite bottom will not wick or absorb water.
- Cost Effective** Fractionally more than traditional wood frames with Long Term Savings
- Environmentally Conscious** Recycled wood composite material joined with plantation grown pine, No hazardous chemicals
Excellent machinability, sanding and paint adhesion

Structurally Sound ~ Maintenance Free ~ Limited Lifetime Warranty

COMPOSITE LOCK BLOCK ②

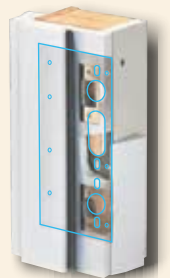
4" x 10" composite lock block has more screw-holding power than wood. It is injection-molded for uniform size. The door remains flat and strong beneath hardware.

Elongated lock block holes accommodate 2-3/8" or 2-3/4" hardware back set

Foam fill within door slab insulates completely around hardware area with composite lock block. There is no cold spot where you grasp door most.

STEEL REINFORCING STRIKE PLATE ③

attaches behind strike jamb for additional security.



ENERGY EFFICIENCY

CORE

2 1/2" R-13 polyurethane foam core meets environmental guidelines and offers maximum thermal protection.

LOW-E GLASS

Low-E thermally efficient glass upgrade is offered through the City Lites Collection and in Garden Patio Doors. Invisible metallic coating blocks heat flow and shields against damaging ultra violet rays.

WEATHER-STRIP

Our compression weather-strip forms a weather-tight seal. The resilient foam is impervious to moisture and maintains its shape. We offer high-performance weather-strip and bottom sweep upgrades to further strengthen the weather barrier of your entry.

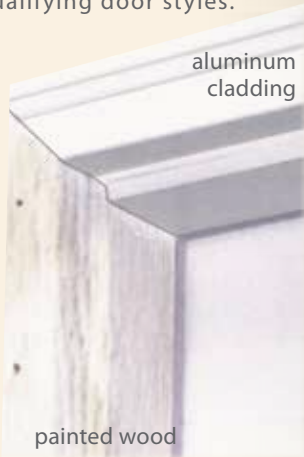
THRESHOLD

Another weather-tight feature is the adjustable threshold. A few turns with a screw driver achieves a proper seal at the bottom of the door.

Refer to page two for ENERGY STAR® qualifying door styles.



Aluminum roll form with vinyl coat
Protects exterior door jamb from weather
Embossed wood grain texture
No need to paint or stain
Pristine appearance
See page 9 for paint & stain colors
option



 *Polaris Ultra Entry Door*
THERMAL STEEL + FIBERGLASS



STRENGTH & SECURITY

All steel-edge perimeter - more stable and stronger than wood edge doors

Galvanized inner and outer steel sheets offer strength and durability. There is no wood to rot, warp, split or bow. It is difficult to even dent our doors.

No rotting, splitting or insect infestation like wood edge doors

Wood Edge



Steel Edge



Polaris Ultra Entry Steel Doors do not force open after 7 hits of a 100 lb. test weight for a Grade 40 Security Rating.

The force of one hit from a 100 lb. test weight cracks a wood edge steel door.

Your family is secure behind the best safety rating in the industry.

22 GAUGE STEEL

Heavy duty steel reduces denting and waves in the steel skin.

Sheet metal gauge ranges from 30 to 8.

Lower gauge = Thicker metal

Our 22 gauge doors have 48% more steel competitors' 25 gauge.

Our doors are approximately 10 pounds heavier than competitor doors.



REPLACEMENT STEEL DOOR & STEEL FRAME

Custom steel replacement doors are available pre-hung in a strong steel frame.

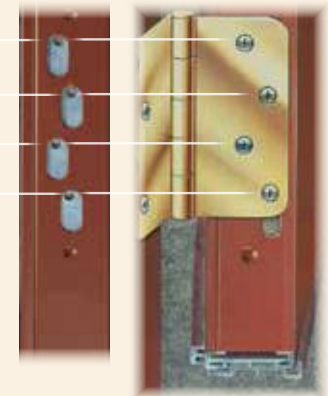
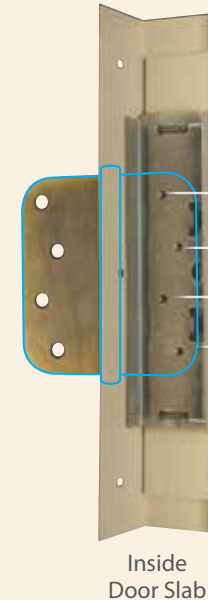
This secure system fits over your existing wood frame. Refer to page 20 for more info.

PATENTED ADJUSTABLE HINGE PLATE SYSTEM

Our hinge system ensures proper alignment and weather tight seal. Normal settling or climate change can effect the door opening. Use a screw driver to make the necessary adjustments. Move the door up or down, in or out without removing the door.

Hinge plates are secured to a 12 gauge metal reinforced adjustable hinge block within the steel door slab.

Machine screws attach the hinges to the block. Door always resets securely, regardless of how many times screws are readjusted.



THERMAL BREAK

STEEL

TWO PIECE

CONSTRUCTION

Thermal Break with sheet interlock glue bead

Bead of hot melt glue applied to length of lock and hinge side of sheets



FIBERGLASS

COMPOSITE

TOP & BOTTOM

RAILS & STYLES

Insulate and provide waterproofing on all sides. Your door will never rot, rust or warp. Screw-holding power is 2 times better than wood.



FIBERGLASS

REINFORCED

SKINS

Resistant to dents, dings, splintering
Unaffected by moisture or humidity
Won't rust or warp

FIBERGLASS

TEXTURE

Rich look, feel and texture of real wood without the drawbacks

Patented molding process imparts deep wood grain detail.

Our designs feature deep panel profiles for crisp shadow lines and architecturally correct stile & rail graining and proportions.



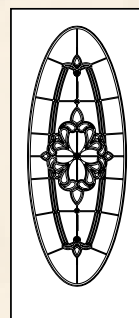
THRESHOLD

Composite base Adjusts with a few turns of a screwdriver Standard Aluminium with Brown riser
Anodized Brass / Brown option above Satin Nickel / Black option at right

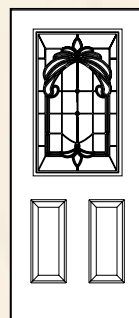


EXPRESSIONS

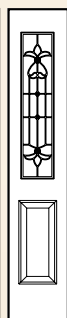
Brass & Satin Nickel Caming



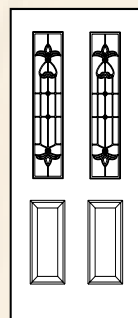
EX14



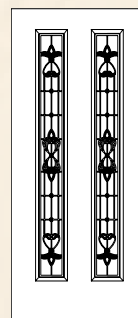
EX61



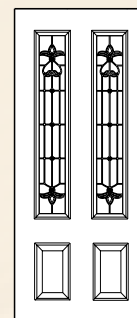
EX02



EX68



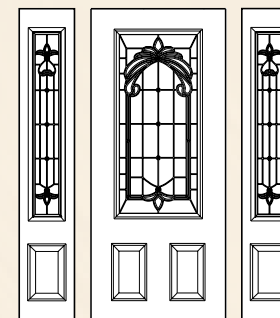
EX88



EX83



EX516



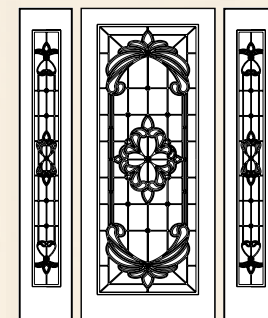
EX03

EX81

EX03



EX521



EX04

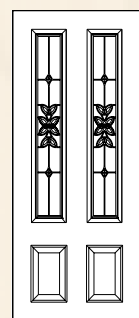
EX21

EX04

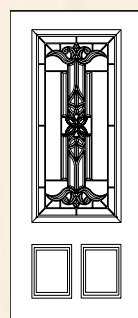


CADENCE

Patina Caming

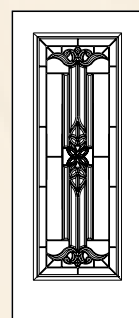


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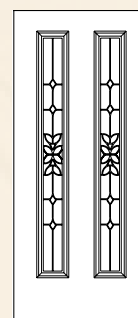


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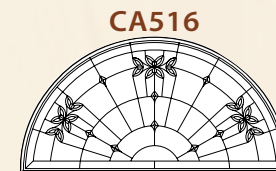
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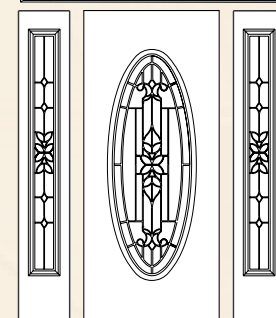
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CA88



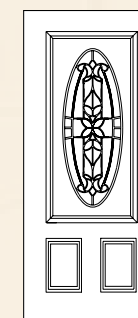
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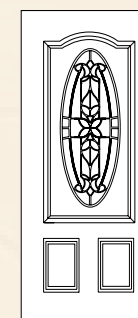
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CA14

CA04



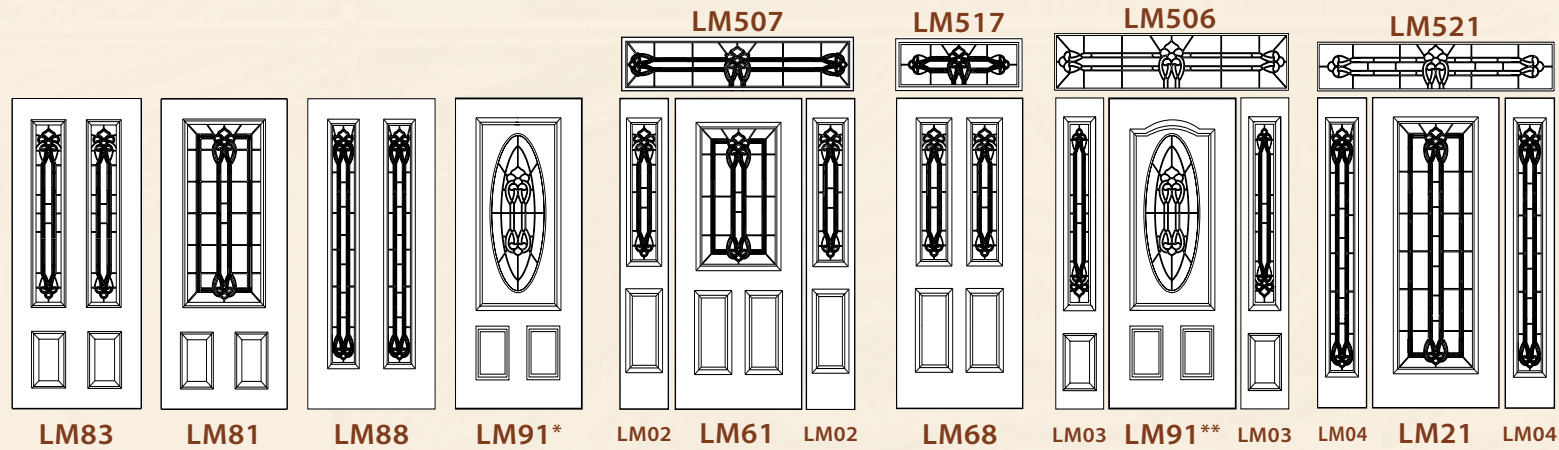
CA91*



CA91**

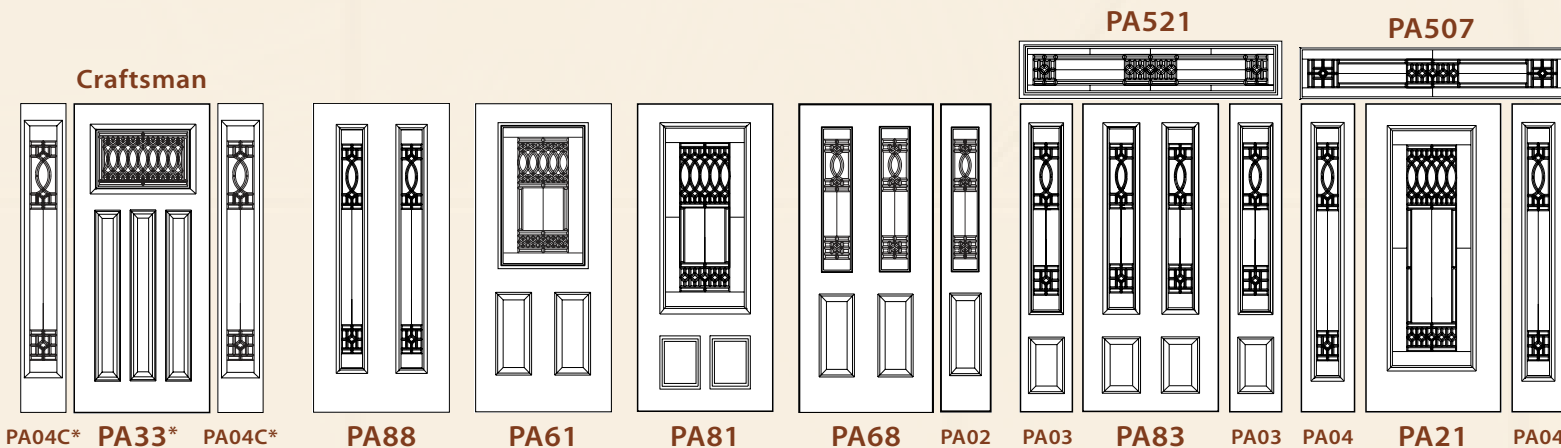
LEGACY MASTER

Patina Caming



PARIS

Patina Caming

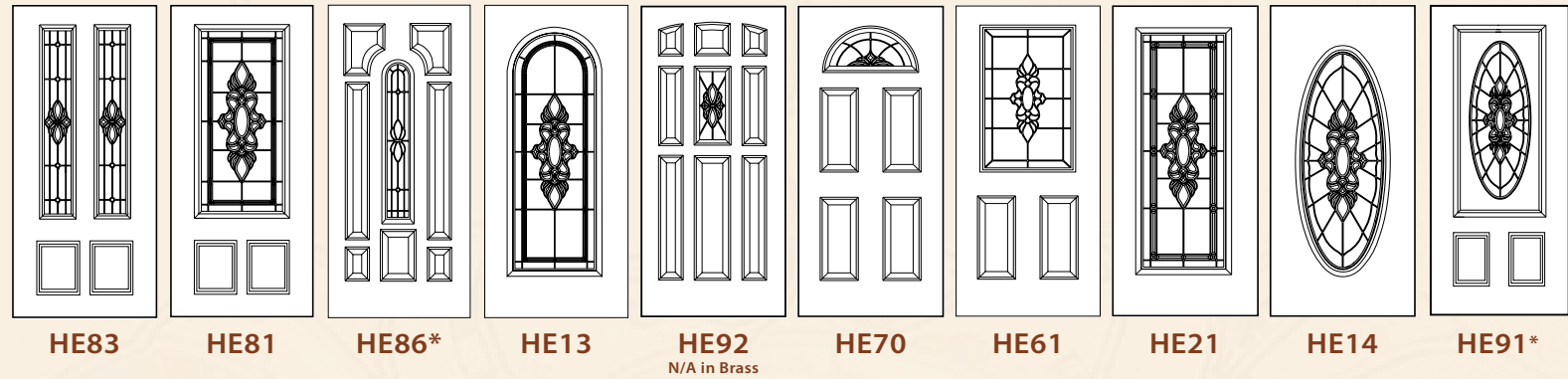


*Fiberglass Only **Steel Only



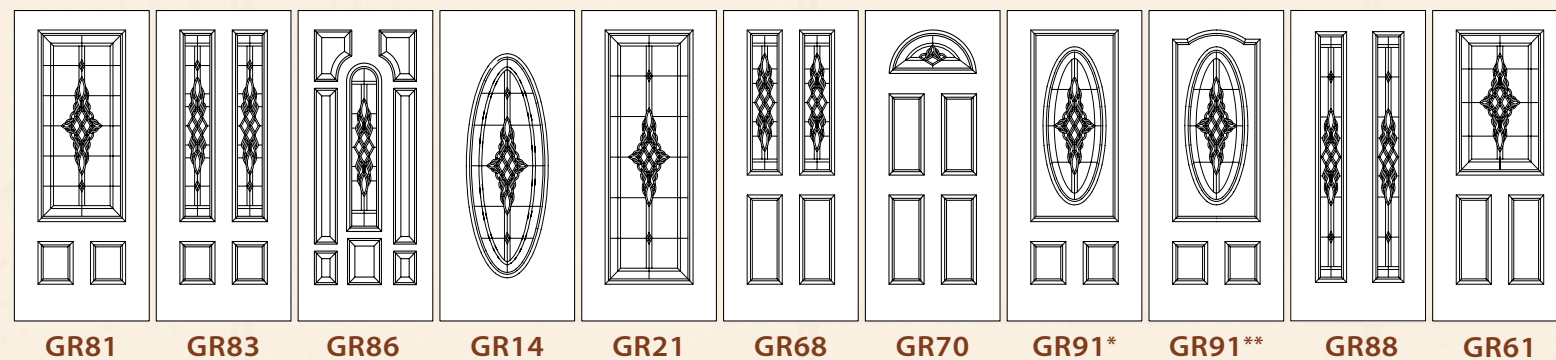
HEIRLOOMS

Brass & Satin Nickel Caming



GRACE

Nickel Caming

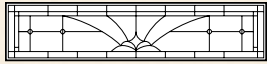


MONTEREY

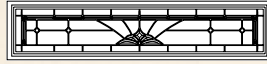
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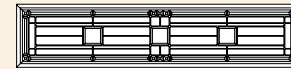
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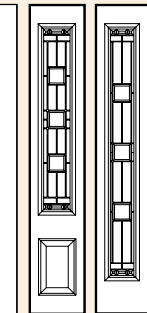
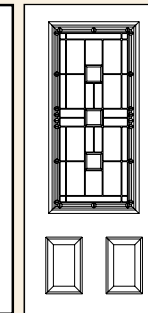
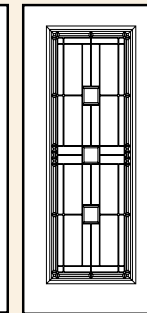
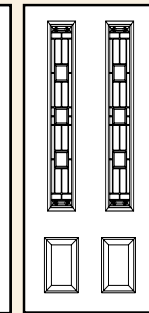
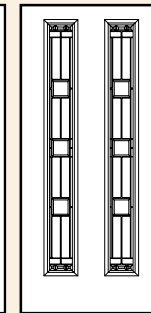
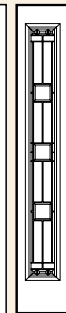
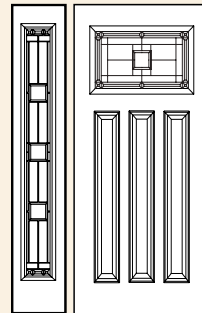
HE521



MO507



Craftsman



HE91**

HE68

HE88

HE02

HE03

HE04

MO04C*

MO33*

MO04C*

MO88

MO83

MO21

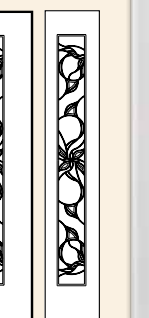
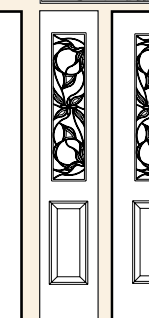
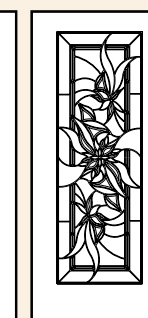
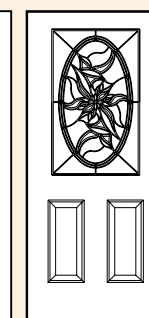
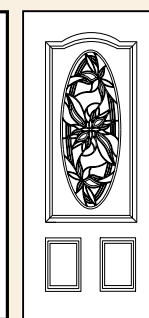
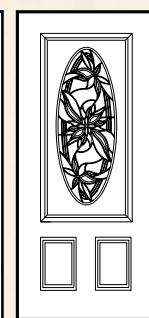
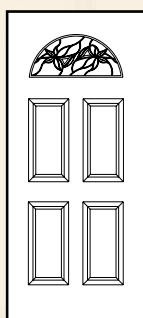
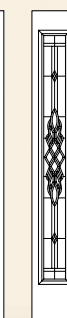
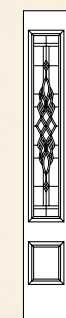
MO81

MO03 MO04

IMPRESSIONS

Clear Bevel Caming

IM507



GR02

GR03

GR04

IM70

IM91*

IM91**

IM61

IM21

IM02

IM68

IM02

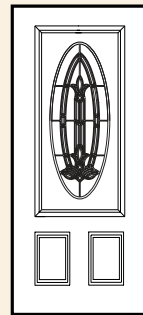
IM88

IM04

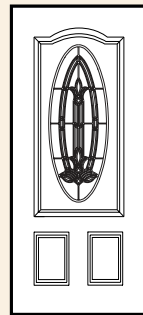


BRISTOL

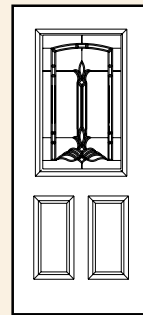
Satin Nickel Caming



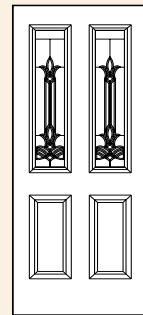
BR91*



BR91**



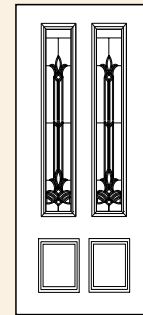
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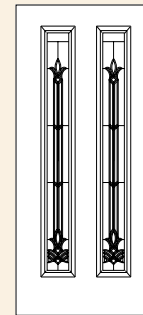
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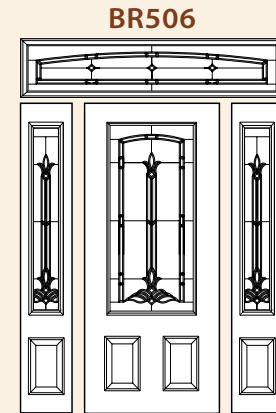
BR02



BR83



BR88

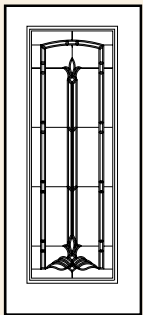


BR506

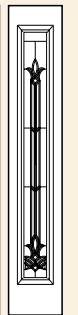
BR03

BR81

BR03



BR21

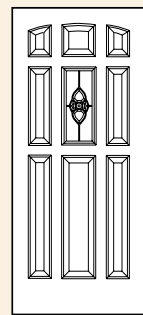


BR04

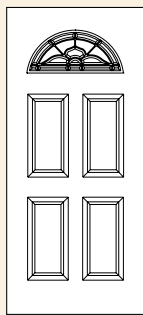


NOUVEAU

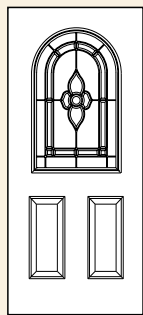
Brass, Nickel & Patina Caming



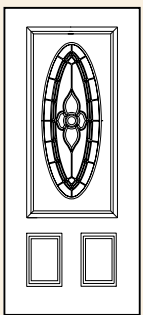
NO92



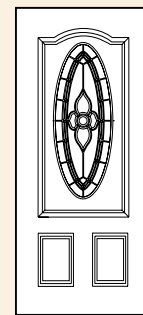
NO70



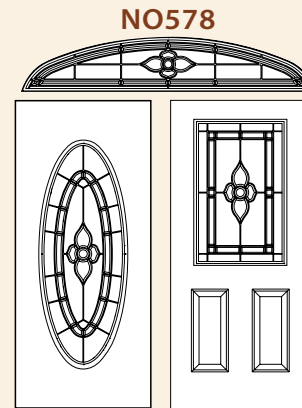
NO75



NO91*

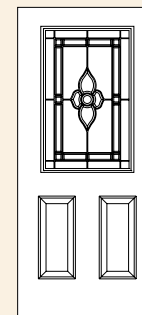


NO91**



NO578

NO14

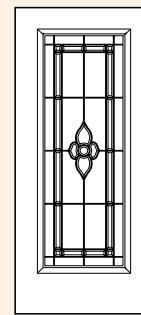


NO61

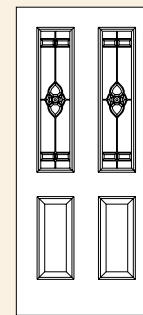


NO507

NO81



NO21



NO68

MAJESTIC

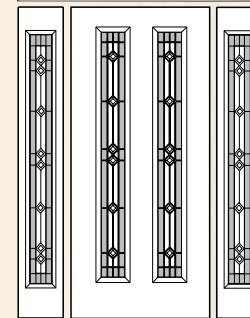
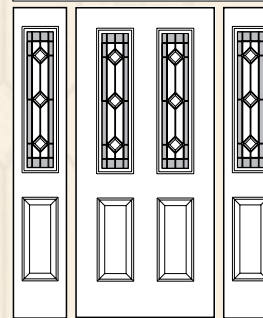
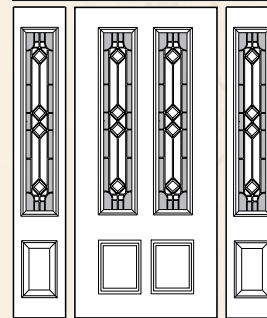
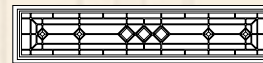
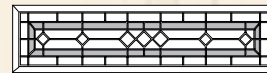
Brass, Nickel & Patina Caming



MA507

MA521

MA578



MA92

MA75
N/A in Patina

MA61

MA81
N/A in Patina

MA21

MA02

MA83
N/A in Patina

MA02

MA03
N/A in Patina

MA68

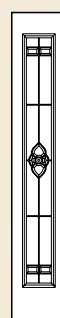
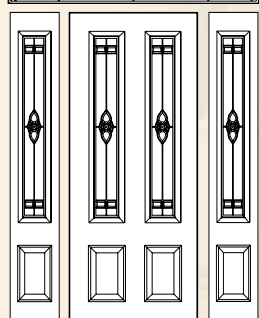
MA03
N/A in Patina

MA04

MA88

MA04

NO521



NO88

NO03

NO83

NO03

NO02

NO04





PRAIRIE BEVEL

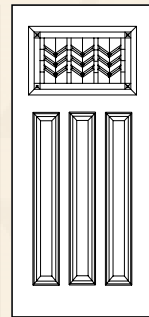
Patina Caming



Craftsman



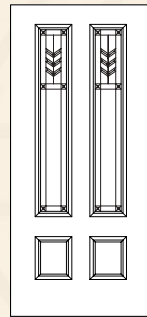
PB04C*



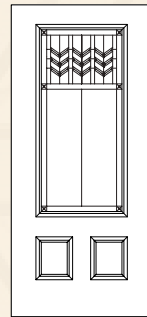
PB33*



PB04C*



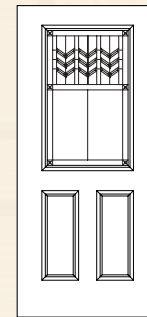
PB83



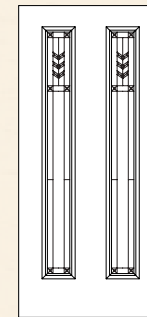
PB81



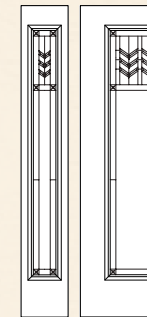
PB03



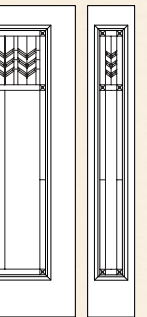
PB61



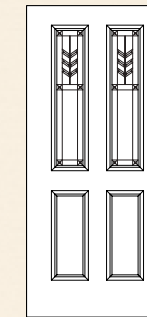
PB88



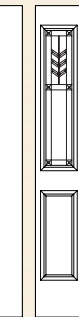
PB04



PB21



PB04



PB68

PB02

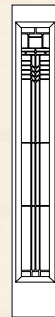


OAK PARK

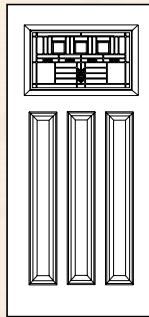
Patina Caming



Craftsman



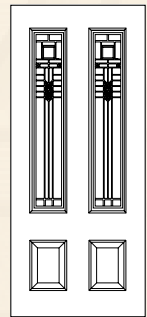
OP04C*



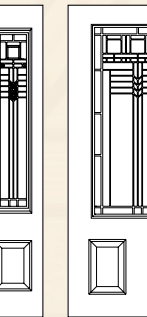
OP33*



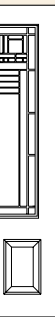
OP04C*



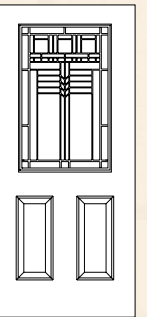
OP83



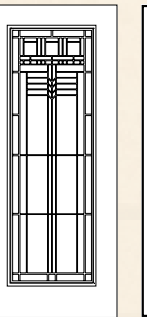
OP03



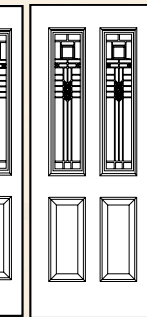
OP81



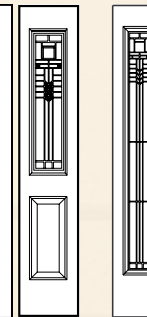
OP61



OP21

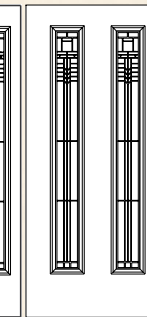


OP02

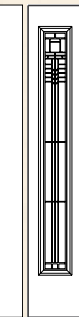


OP507

OP68



OP04



OP521

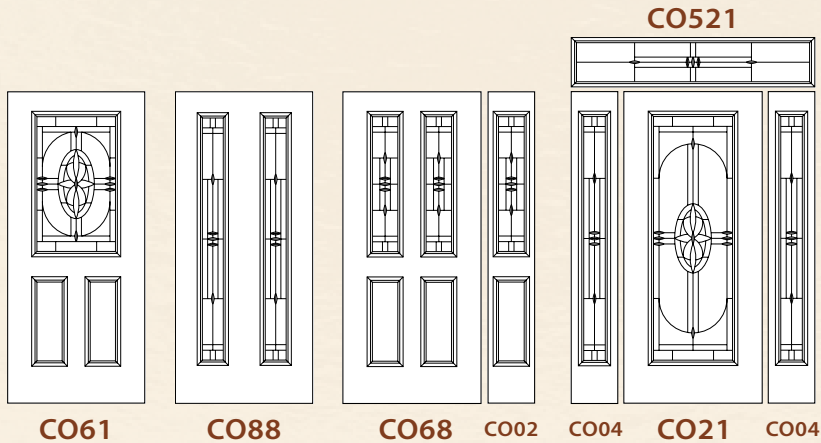
OP88

OP04



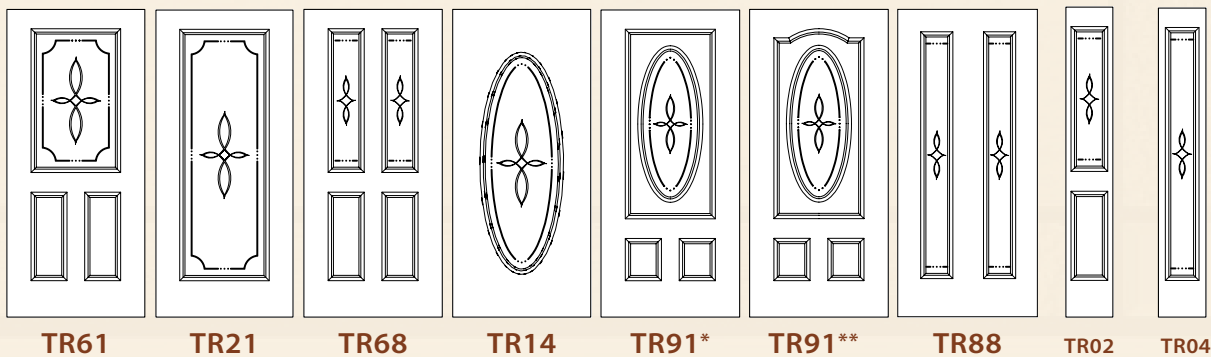
COMPASS

Nickel Caming



TRACE

Silk Screen Caming



STEEL OVER STEEL SECURITY

Polaris offers our steel doors pre-hung in a steel frame.

The steel frame is engineered to fit over your existing wood frame.

Polaris steel doors in our steel frames surpass the most stringent forced entry tests.

A tight seal is ensured with our adjustable hinge plate system, adjustable threshold and magnetic weather stripping.

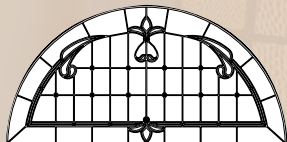
Door Type	Rough Opening Width		Rough Opening Height 6' 8"		Rough Opening Height 7' 0"	
	Min	Max	Min All	Max All	Min All	Max All
Single						
2' 4"	27 3/4"	28 1/2"				
2' 6"	29 3/4"	30 1/2"	80"	80 1/2"	84"	84 1/2"
2' 8"	31 3/4"	32 1/2"				
2' 10"	33 3/4"	34 1/2"				
3' 0"	35 3/4"	36 1/2"				
Double	Min	Max				
4' 8"	55 1/4"	56"				
5' 0"	59 1/4"	60"				
5' 4"	63 1/4"	64"				
5' 8"	67 1/4"	68"				
6' 0"	71 1/4"	72"				

*Fiberglass Only **Steel Only

TRANSOM STYLES Vary By Collection

EXPRESSIONS

EX516

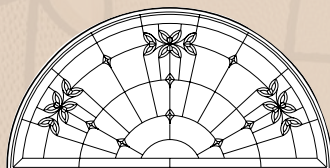


EX521



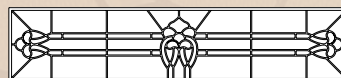
CADENCE

CA516

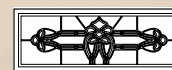


LEGACY MASTER

LM506



LM517

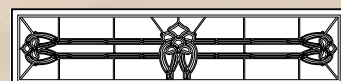


PARIS

PA507



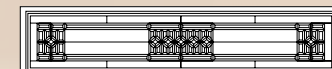
LM507



LM521



PA521



HEIRLOOMS

HE517

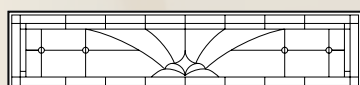
Satin Nickel Only



HE578



HE506



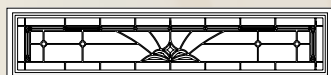
HE503



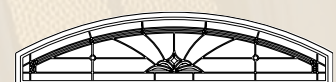
HE507



HE521



HE532



MONTEREY

MO507



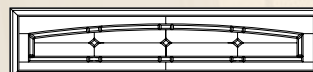
IMPRESSIONS

IM507



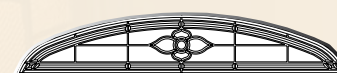
BRISTOL

BR506



NOUVEAU

NO578



NO507



NO521



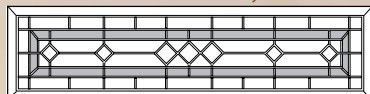
MAJESTIC

MA578

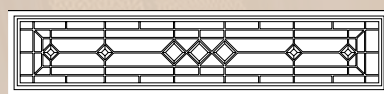


MA507

Brass & Nickel Only

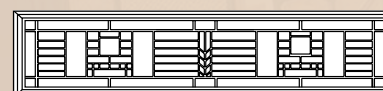


MA521

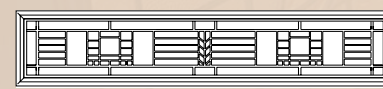


OAK PARK

OP507

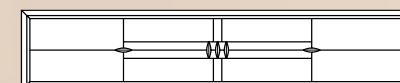


OP521



COMPASS

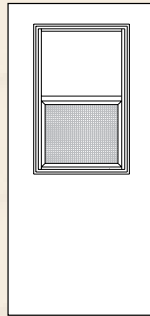
CO521



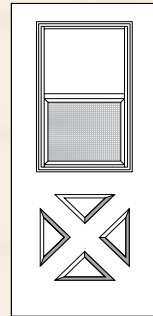


CITY LITES ~ VENT LITES

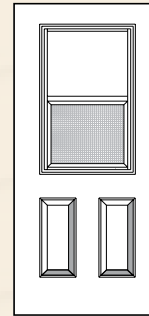
**Steel only Clear glass only
window & frame-White only, Not paintable



CL11V



CL41V**

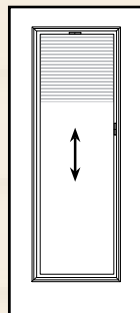


CL61V



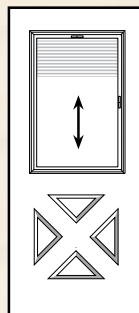
RAISE, LOWER & TILT MINI BLINDS

** Steel Only. NA Low-E or Obscure.
Blinds & Operators in White Only. Refer to actual sample for accurate color.

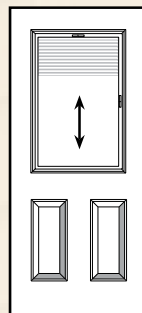


MBRT21

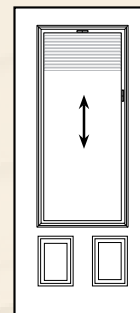
avail in 3/6 smooth (S)



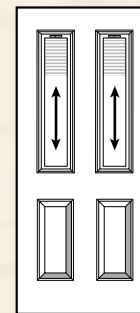
MBRT41**



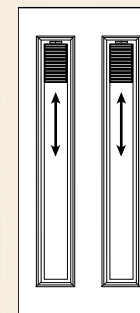
MBRT61



MBRT81



MBRT68



MBRT88



MBRT02



MBRT04



CITY LITES

M= Moulded Grids

I= Internal Grids

P= Prairie Grids

#Internal Grids only

EXTERNAL
Grids

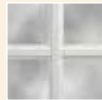


Moulded
standard
matches door color

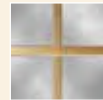
INTERNAL*
Grids



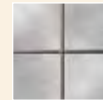
Flat°
°white standard
tan, brown, white / clay, med or dark oak, cherry woodgrain options



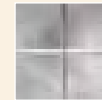
Contour°



Antique Brass



Slimline Brass

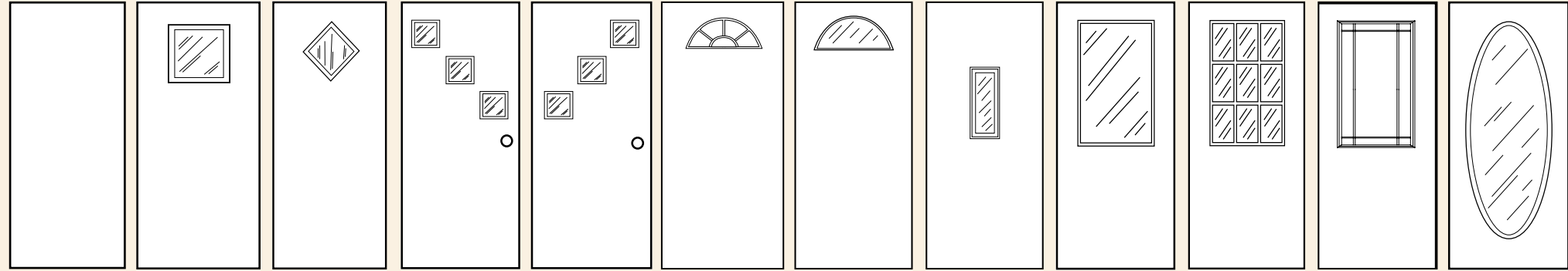
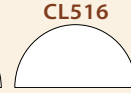
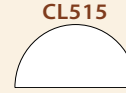
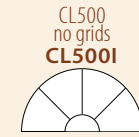


View
3/8" V-groove



Obscure Glass*
options*

TRANSOMS Transoms available



CL1

CL8

CL8C

CL6

CL5

CL7M*
CL7I*

CL7

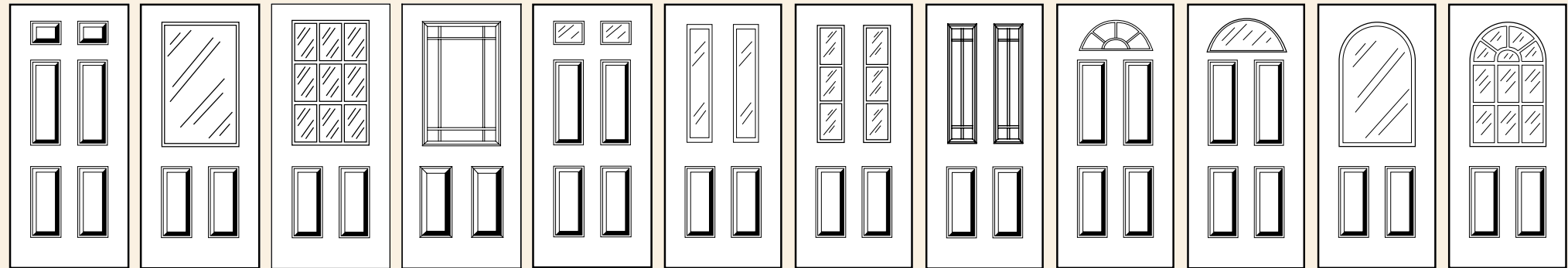
CL9

CL11

CL11M
CL11I

CL11P#

CL14



CL60

CL61

CL61M
CL61I

CL61P#

CL65

CL68

CL68M
CL68I

CL68P#

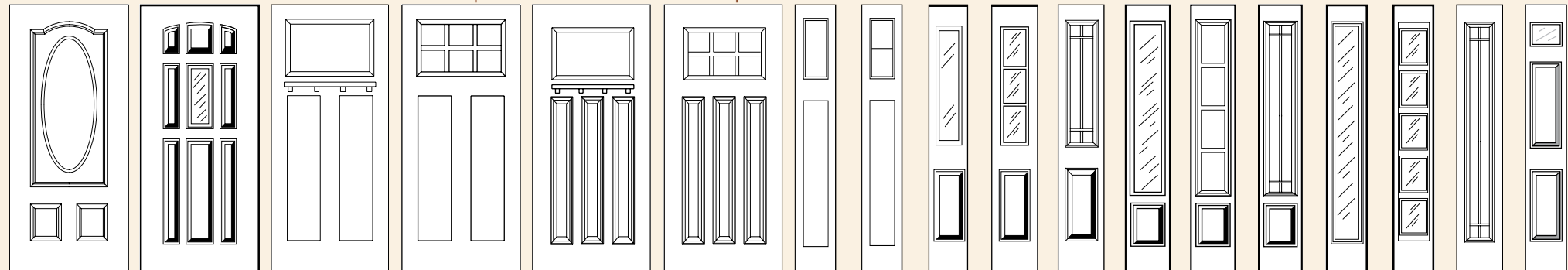
CL70M*
CL70I*

CL70

CL75

CL75M
CL75I

Craftsman* Dentil Shelf optional Craftsman* Dentil Shelf optional



CL91**

CL92

CL32◇

CL32SDL◇

CL33

CL33SDL

CL06◇

CL06SDL◇

CL02

CL02M
CL02I

CL02P#

CL03

CL03M
CL03I

CL03P#

CL04

CL04M
CL04I

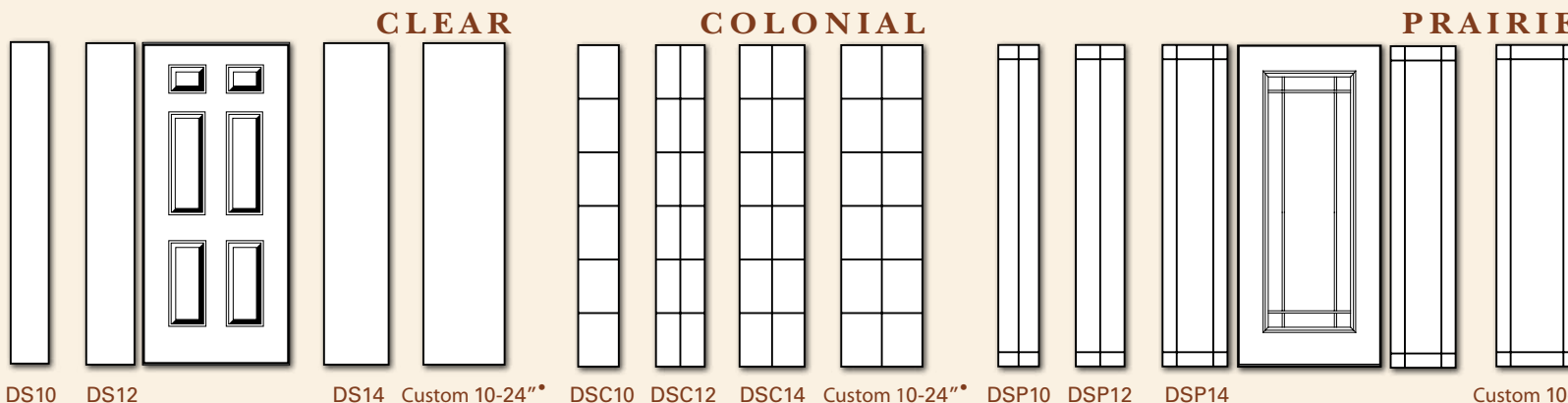
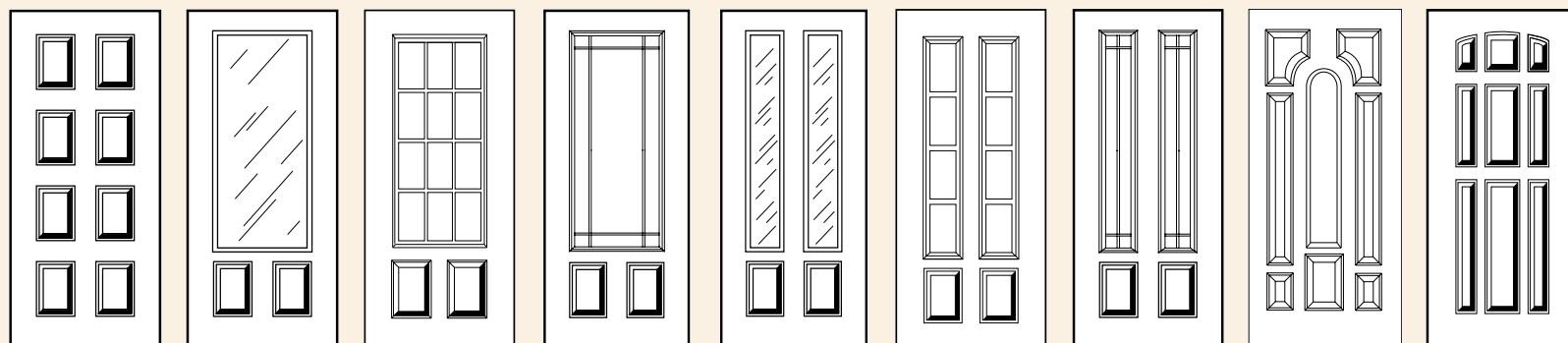
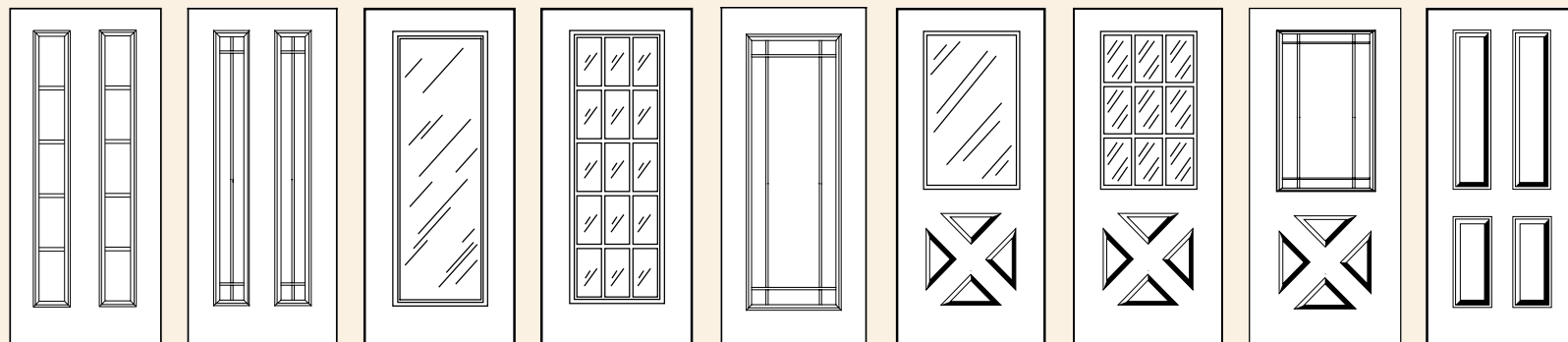
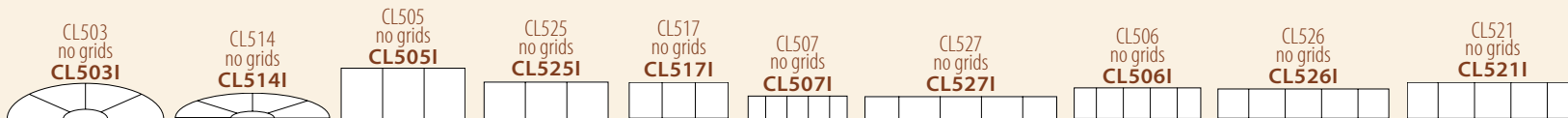
CL04P#

CL05**

Avail in fiberglass with straight top.

without grids. Transom grids flat white or tan only

CITY LITES



LOW-E GLASS

Invisible thin metallic Low-E glass coating blocks heat flow and damaging ultra-violet light.

Air conditioning costs are lowered by reducing solar transmission in the summer.

In winter, heat loss to the outside is reduced. Solar energy passes inside.

See page 2 for ENERGY STAR® qualified glass styles. Option

DIRECT SET SIDE LITES

Internal Contour or View Grids and Low~E glass Options

City Lites transoms can be used with 12" or 14" direct set side lites.

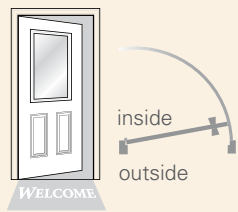
Horizontal muntins will NOT line up with muntins in the slab.

• Add one week to lead time for custom glass size.

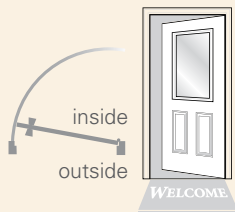
ENTRY SWING GUIDE

as viewed from outside

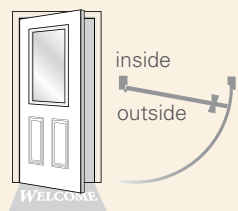
Left hand Inswing



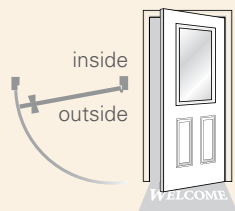
Right hand Inswing



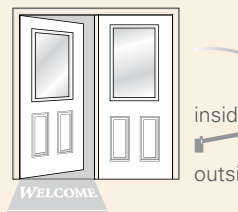
Right hand Outswing



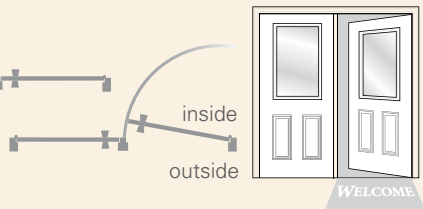
Left hand Outswing



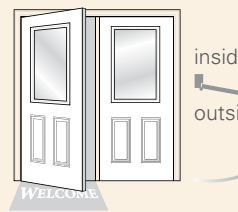
double Left hand Inswing



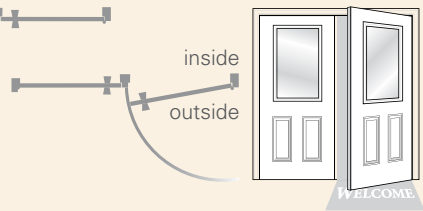
double Right hand Inswing



double Right hand Outswing

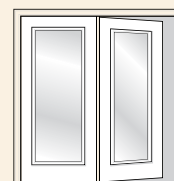


double Left hand Outswing

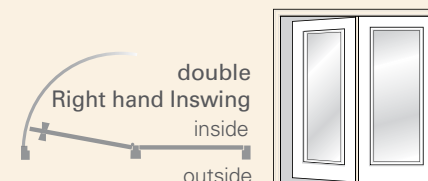


GARDEN PATIO DOOR SWING GUIDE

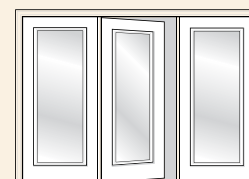
as viewed from outside



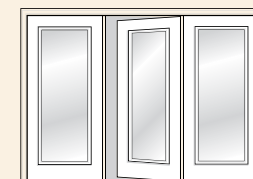
double
Left hand Inswing
inside
outside



double
Right hand Inswing
inside
outside



triple
Left hand Inswing
inside
outside



triple
Right hand Inswing
inside
outside

GARDEN Unit Size	# Panels	Stud to Stud Rough Opening Minimum
5'0" x 6'8"	2	60 7/8" x 81"
6'0" x 6'8"	2	72 7/8" x 81"
9'0" x 6'8"	3	108 3/4" x 81"

ENTRY Unit Size SINGLE	Stud to Stud Rough Opening Minimum	Rough Opening Height	
		6' 8"	7' 0"
2' 0"	26"	82" Inswing	NA Fiberglass
2' 4"	30"		86" Inswing
2' 6"	32"		86" Inswing
2' 8"	34"		86" Inswing
2' 10"	36"	81 1/4" Outswing	85 1/4" Outswing
3' 0"	38"		85 1/4" Outswing
3' 6"	44"		85 1/4" Outswing

ENTRY Unit Size DOUBLE	Stud to Stud Rough Opening Minimum	Rough Opening Height	
		6' 8"	7' 0"
4' 0"	50 1/2"	82" Inswing	NA Fiberglass
4' 8"	58 1/2"		86" Inswing
5' 0"	62 1/2"		86" Inswing
5' 4"	66 1/2"		86" Inswing
5' 8"	70 1/2"	81 1/4" Outswing	85 1/4" Outswing
6' 0"	74 1/2"		85 1/4" Outswing

GARDEN PATIO & DOUBLE DOORS

DOUBLE DOORS

Any glass style & shape
Operable panel hinges at jamb

GARDEN PATIO DOORS

2 panel - operable panel hinges at center

3 panel - center operable panel

Options:

City Lites grids - internal colonial styles

Low-E glass

Raise & Tilt mini blinds NA Low-E

Screen in white or brown

Standard Accent lever & deadbolt

ULTIMATE ASTRAGAL

Our Ultimate Astragal System connects the doors.

Active and inactive doors meet along the strike plate edge.

Patented three point sealing technology
eliminates water and air infiltration.

The inactive panel can be swung open. Release
head and threshold bolts to remove the astragal.

Long wearing seals at threshold bolt ensure tight seal.

Aluminum body is strong and secure.



disengaged
threshold bolt



 *Polaris UltraEntry Door*

THERMAL STEEL + FIBERGLASS



TM 412



NAMI
Certified



30% Post Consumer content
Virgin wood legally harvested from sustainable managed forests

Ask About Our
**GLASS BREAKAGE
WARRANTY**

LT130 M 3/13 7m

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