



POLARISWINDOWS.COM

# ULTRA ENTRY DOOR®

THERMAL STEEL + FIBERGLASS

(Waterside pg. 21)







# ULTRA ENTRY

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## 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 glass lites 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



HARLOW



Privacy Rating: 5



OAK PARK



Privacy Rating: 5



AUBURN



Privacy Rating: 7



PARIS



Privacy Rating: 4





## HEIRLOOMS



Privacy Rating: 6



## GRACE



Privacy Rating: 7



## MONTEREY



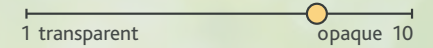
Privacy Rating: 7



## RENEWED IMPRESSIONS



Privacy Rating: 7



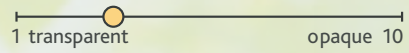
 *Polaris* **ULTRA** ENTRY DOOR  
THERMAL STEEL + FIBERGLASS



BANTER



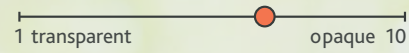
Privacy Rating: 3



NOUVEAU



Privacy Rating: 6



MAJESTIC

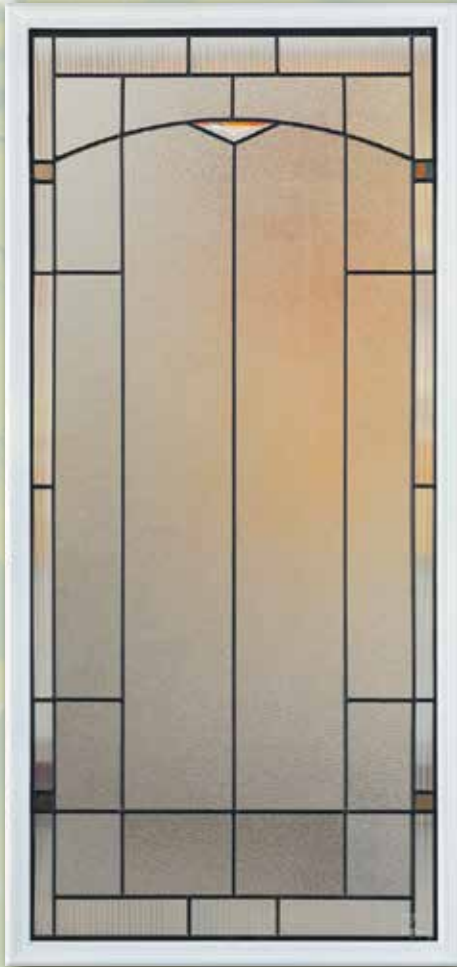


Privacy Rating: 6





TOPAZ



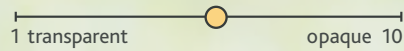
Privacy Rating: 9



CADENCE



Privacy Rating: 5



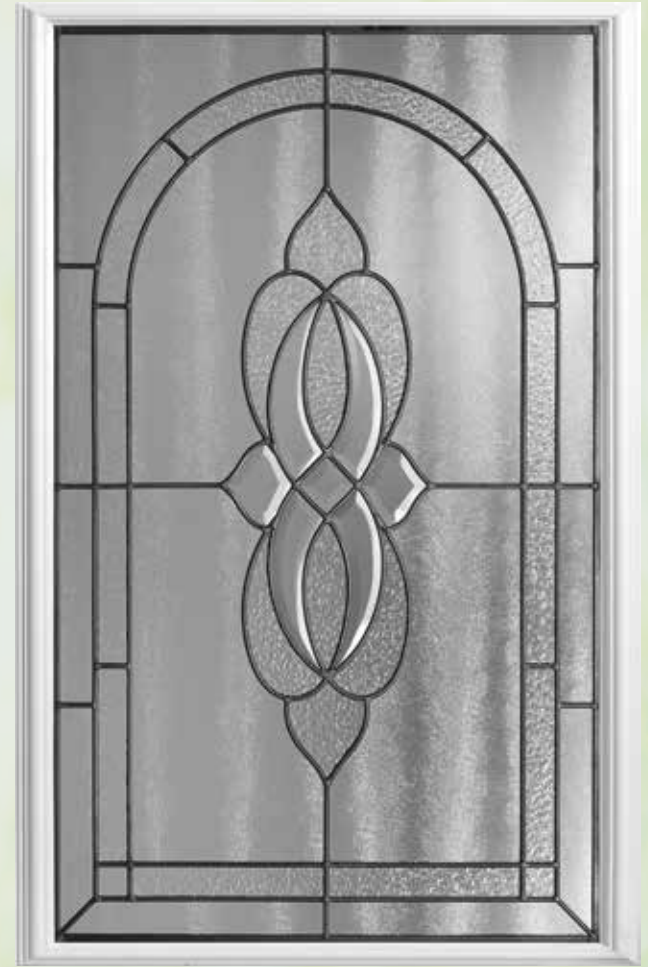
WATERSIDE



Privacy Rating: 8



EVERTON



Privacy Rating: 7



# HARDWARE & ACCESSORIES



Polished Brass



Satin Nickel



Aged Bronze



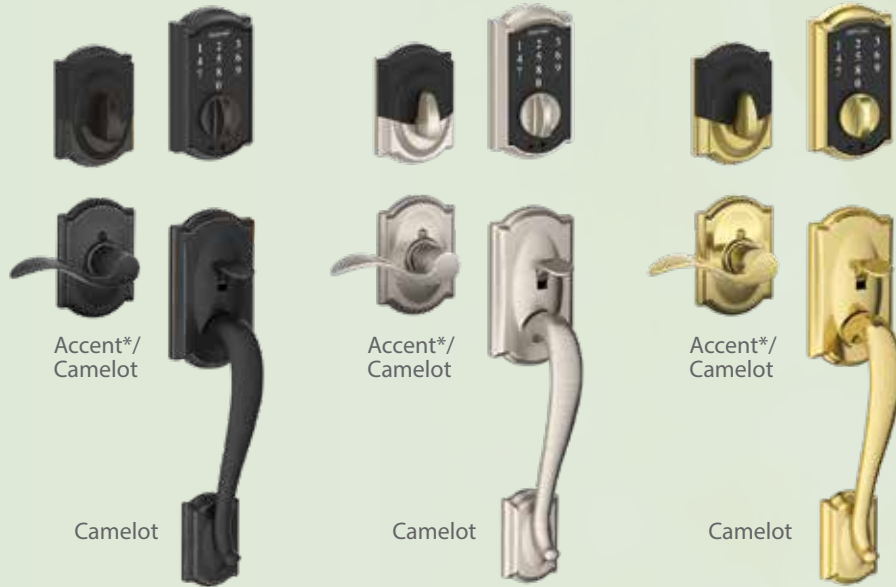
Antique Brass

**FINISHES**

## ELECTRONIC SECURITY

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

### Touch Handlesets



### Touch Deadbolt



### Handlesets



### Leverset



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

## 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.

### Miscellaneous



### Standard Heavy Duty Ball Bearing Hinges

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



### Deadbolt



### Locksets



Hardware may not be available in all finishes.



## PAINT & STAIN

Let us paint or stain your entry door for you. Choose from a variety of 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.



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.

## CAMING



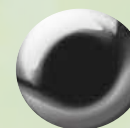
Brass

Nickel



Patina

Satin Nickel



Black Chrome

## INTERIOR WOOD CASING\*



Create a classic finished appearance with our Interior Wood Casing.

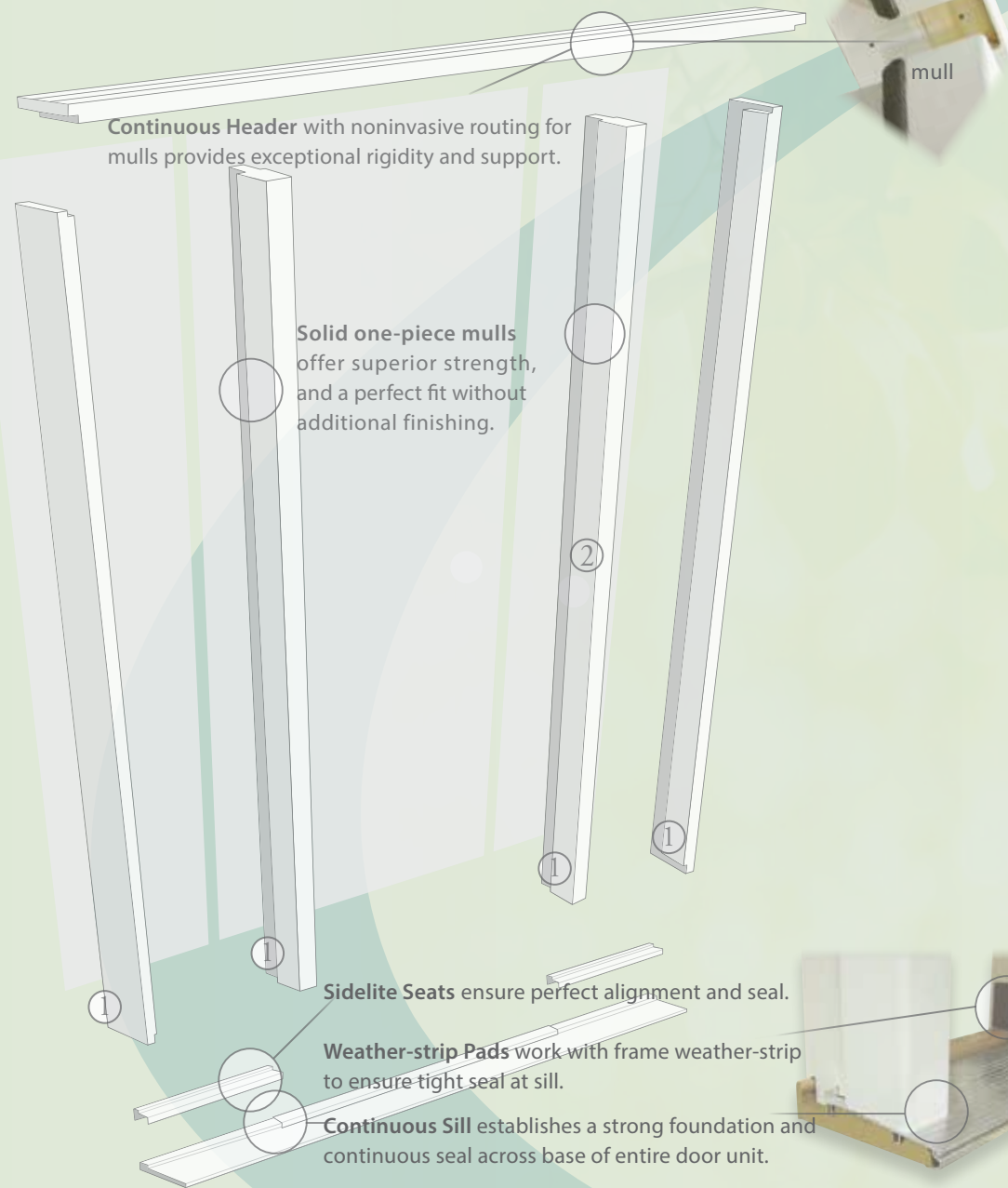
Choose from Pine or Oak wood.

**Stained casing is available in:**

- Colonial Oak
- Cherry
- Natural Oak
- Fruitwood
- Dark Walnut
- Rosewood

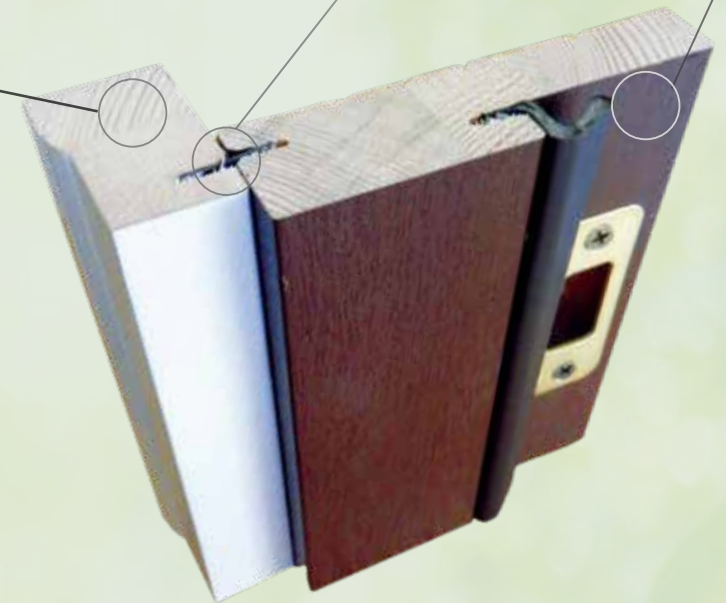
\*Stain colors are a close match, there is no way for an exact match due to natural differences in the wood material.

## ULTRA FRAME SYSTEM



## ULTRA PERFORMANCE FRAME ①

- 12 mil rigid PVC film bonded with permanent waterproof exterior polyurethane glue to our rot resistant frame system.
- Alaskan Yellow Cypress, one of the planet's most durable, rot-resistant woods is finger jointed to the bottom of a premium pine frame component.
- The Ultra Door frame offers the strength and rigidity of wood with low maintenance attributes of PVC components.
- This system offers versatility in your finishing options. This Ultra Door Frame can be painted or stained, this also includes the jamb being stained.
- No nail holes in the brick mould. This design has a route in the brick mould and jamb that connect with an accessory.

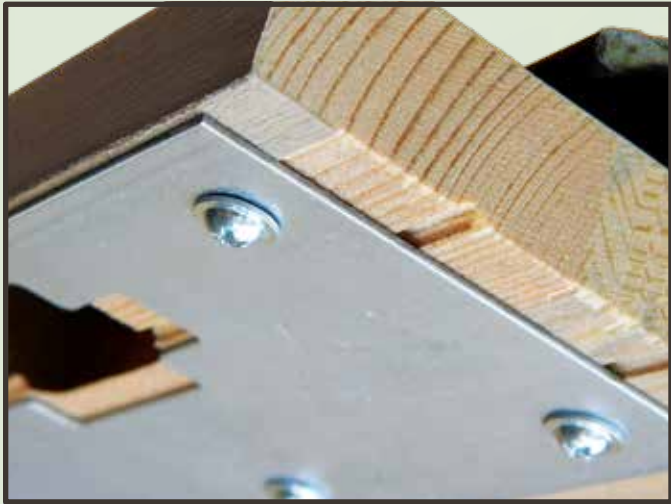


 **Polaris** **ULTRA ENTRY DOOR**  
THERMAL STEEL + FIBERGLASS



## STEEL REINFORCING STRIKE PLATE ②

attaches behind strike jamb for additional security.



## ENERGY EFFICIENCY

### CORE

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.

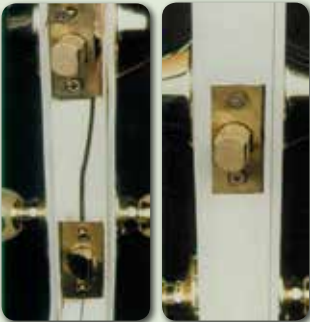
Refer to page two for ENERGY STAR® qualifying door styles.



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.

COMPOSITE LOCK BLOCK

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.



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.

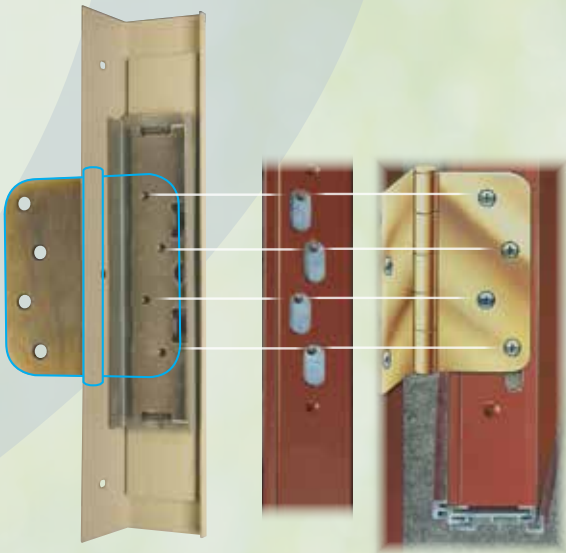


PATENTED  
ADJUSTABLE HINGE PLATE  
SYSTEM

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.



Inside Door Slab



## THERMAL BREAK 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.



## STEEL

### THRESHOLD

Composite base adjusts with a few turns of a screwdriver - Standard Aluminium with Brown riser (right)

Satin Nickel / Black option above - Bronze / Black option above

## 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.

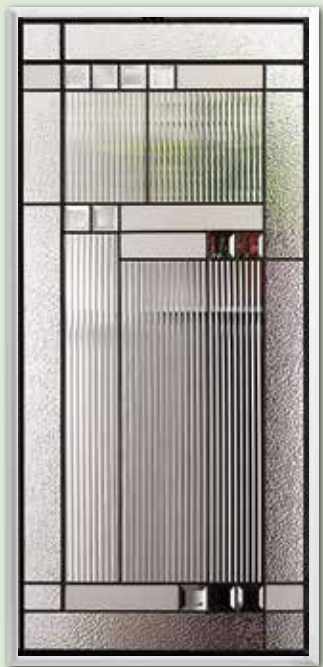
Patented molding process imparts deep wood grain detail.

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



 **Polaris** **ULTRA** ENTRY DOOR

THERMAL STEEL + FIBERGLASS



## HARLOW

*Patina Caming*



HA521



HA522



Craftsman



HA33\*



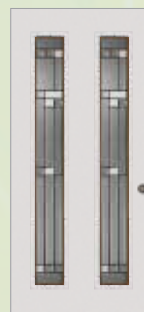
HA61



HA68



HA83



HA88



HA81



HA21

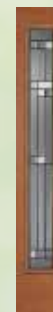
sidelites



HA02



HA03



HA04



## CADENCE

*Patina Caming*



CA516



CA83



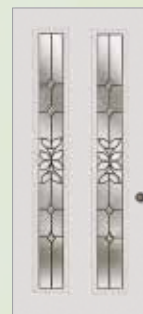
CA81



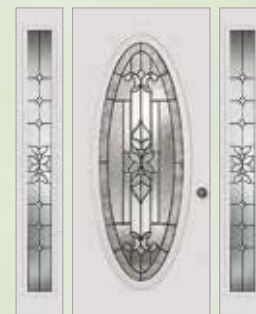
CA03



CA21



CA88



CA14



CA91\*



CA91\*\*

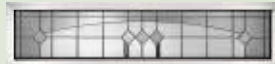


## AUBURN

*Patina Caming*



AU521



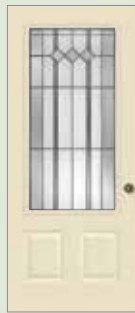
AU522



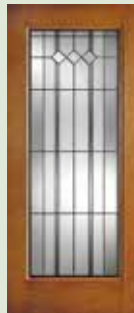
Craftsman



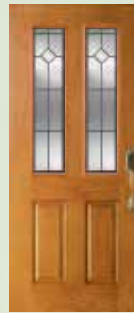
AU33\*



AU81



AU21



AU68



AU88



AU61



AU83

sidelites



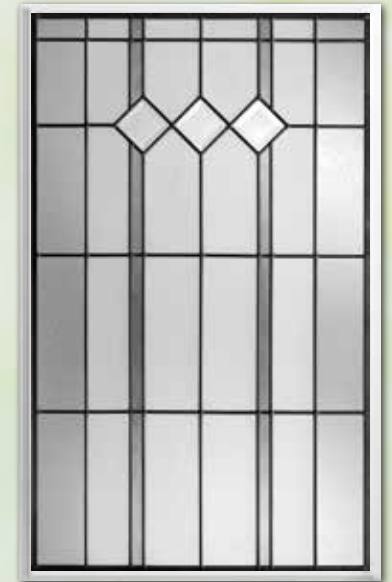
AU02



AU03



AU04



## PARIS

*Patina Caming*



PA521



PA507



Craftsman



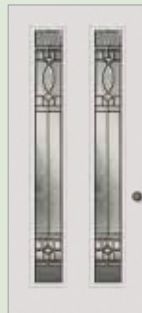
PA04C\*



PA33\*



PA04C\*



PA88



PA61



PA81



PA03



PA83



PA68



PA02



PA04



PA21



PA04



\*Fiberglass Only \*\*Steel Only



## HEIRLOOMS

Brass & Satin Nickel Caming



HE532



HE503



HE507



HE517  
Satin Nickel Only



HE578



HE83



HE81



HE86\*



HE92  
N/A in Brass



HE70



HE61



HE21



HE14



HE91\*



HE91\*\*



## GRACE

Nickel Caming



GR81



GR83



GR86\*



GR14



GR21



GR68



GR70



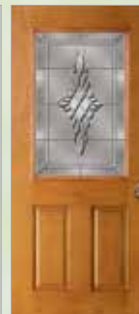
GR91\*



GR91\*\*



GR88



GR61

\*Fiberglass Only \*\*Steel Only



HE506



HE521



## MONTEREY

*Satin Nickel Caming*



HE68

HE88

HE02

HE03

HE04

Craftsman



MO04C\*

MO33\*

MO04C\*



MO507



MO88



MO81



MO83



MO21



MO03

MO04

## RENEWED IMPRESSIONS

*Nickel Caming*



RI507



GR02

GR03

GR04



RI70



RI91\*



RI91\*\*



RI61



RI21



RI02



RI68



RI02



RI88

RI04



\*Fiberglass Only \*\*Steel Only



## BANTER

*Layered Glass Texture*



BT61



BT81



BT88



BT21



BT04



## NOUVEAU

*Brass & Nickel Caming*



NO92



NO70



NO91\*



NO91\*\*



NO14



NO61



NO81



NO21



NO68



NO83

NO578



NO507



*\*Fiberglass Only \*\*Steel Only*



# MAJESTIC

Brass, Nickel & Patina Caming



MA507



MA521



MA578



MA92



MA61



MA81

N/A in Patina



MA21



MA68



MA02

N/A in Patina

MA83

N/A in Patina

MA02

N/A in Patina



MA04

MA88

MA04



MA03



NO521



NO04

NO88

NO04



NO03



NO02

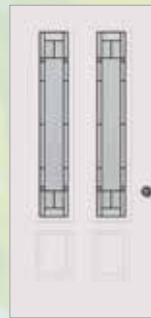


\*Fiberglass Only \*\*Steel Only

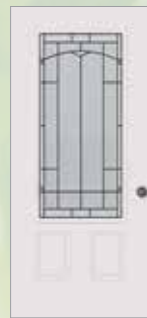


## TOPAZ

*Patina Caming*



TO83



TO81



TO61



TO21



TO68



TO88



TO02



TO03



TO04



## OAK PARK

*Patina Caming*



**Craftsman**



OP04C\*



OP33\*



OP04C\*



OP83



OP03



OP81



OP68



OP21



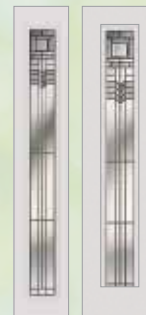
OP02



OP61



OP02



OP04



OP88



OP04

**OP507**



**OP521**



\*Fiberglass Only \*\*Steel Only



## EVERTON

*Patina & Satin Nickel Caming*



EV521



EV522



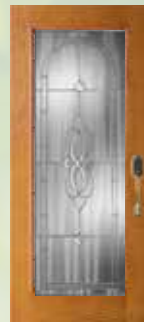
EV81



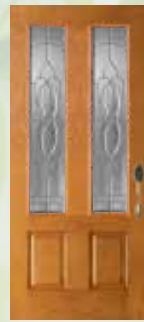
EV61



EV68



EV21



EV83



EV88



EV86

sidelites



EV03



EV04



## WATERSIDE

*Black Chrome Caming*



sidelites



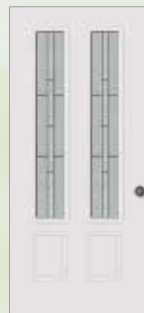
WS61



WS21



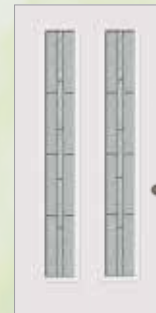
WS68



WS83



WS81



WS88



WS02



WS03



WS04



*\*Fiberglass Only \*\*Steel Only*

# TRANSOM STYLES

Vary By Collection

## CADENCE

CA516



## NOUVEAU

NO578



NO507



NO521



## AUBURN

AU521

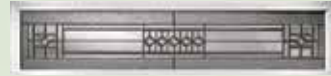


AU522

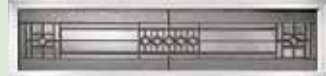


## PARIS

PA507



PA521



## MAJESTIC

MA578



MA507

Brass & Nickel Only



MA521



## OAK PARK

OP507

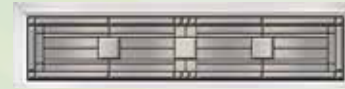


OP521



## MONTEREY

MO507



## IMPRESSIONS

IM507



## EVERTON

EV521



EV522



## HARLOW

HA521



HA522



## HEIRLOOMS

HE517

Satin Nickel Only



HE506



HE507



HE521



HE578



HE503



HE532







## 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)



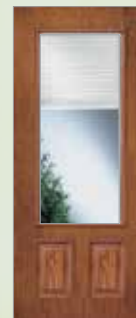
MBRT41\*\*



MBRT61



MBRT02



MBRT81



MBRT04



MBRT68



MBRT04



MBRT88



\*Fiberglass Only \*\*Steel Only

# CITY LITES

M= Moulded Grids  
I= Internal Grids  
P= Prairie Grids  
‡Internal Grids only

## EXTERNAL Grids



Moulded standard  
matches door color

## INTERNAL\* Grids



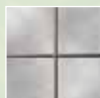
Flat °  
° white standard  
tan, brown, white / clay, med or dark oak, cherry woodgrain options



Contour °



Antique Brass



Slimline Brass



View  
3/8" V-groove



Obscure Glass



Glue Chip



Rain Glass

options\*

## LOW-E GLASS

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



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°



CL91\*\*

CL92

CL32°\*

CL32SDL°\*

CL33\*

CL33SDL\*

CL06°\*

CL06SDL°\*

CL02

CL02M  
CL02I

CL02P‡

CL03

CL03M  
CL03I

CL03P‡

CL04

CL04M  
CL04I

CL04P‡

CL05\*\*

Craftsman\* Dentil Shelf optional

Craftsman\* Dentil Shelf optional

Avail in fiberglass with straight top.

\*Fiberglass Only \*\*Steel Only °In fir woodgrain only •N/A Slimline Brass or Contoured



# TRANSOMS

Transoms available without grids. Transom grids flat white or tan only.

CL500I



CL500 - no grids

CL527I



CL527 - no grids

CL514I



CL514 - no grids



CL88M  
CL88I

CL88P‡

CL21

CL21M  
CL21I

CL21P‡

CL41\*\*

CL41M\*\*  
CL41I\*\*

CL41P‡\*\*

CL52

CL89\*\*

CL89\*



CL80\*\*

CL81

CL81M  
CL81I

CL81P‡

CL83

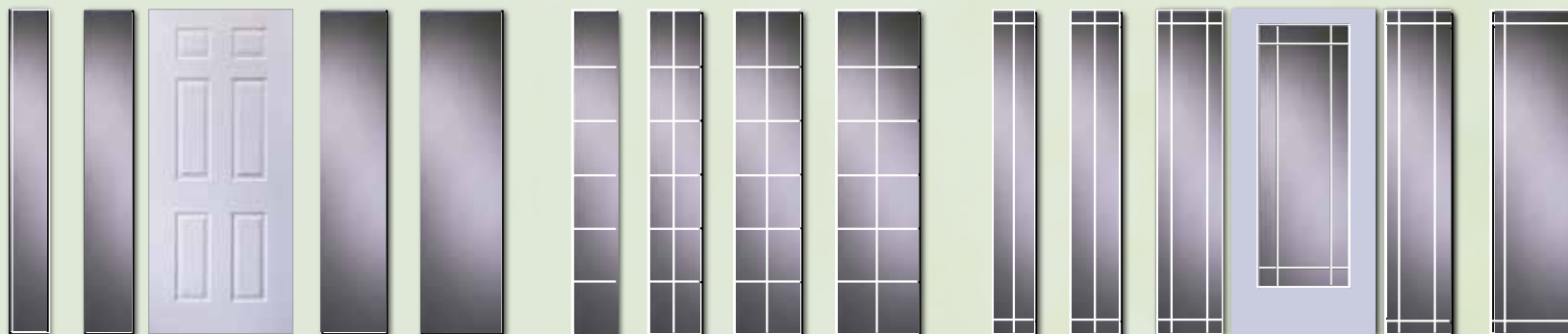
CL83M  
CL83I

CL83P‡

CL85\*

CL86\*

CL90



DS10

DS12

DS14

Custom  
10-24"°

DSC10

DSC12

DSC14

Custom  
10-24"°

DSP10

DSP12

DSP14

DSP14

Custom  
10-24"°

## 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.

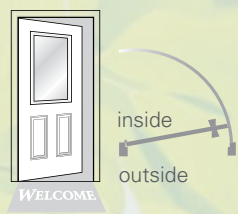
• Add one week to lead time  
for custom glass size.

\*Fiberglass Only \*\*Steel Only °In fir woodgrain only •N/A Slimline Brass or Contoured

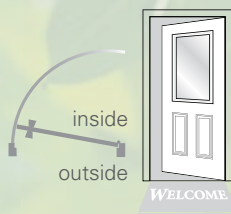
# ENTRY SWING GUIDE

as viewed from outside

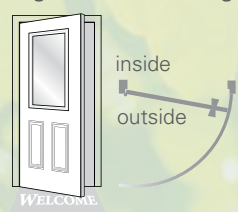
Left hand Inswing



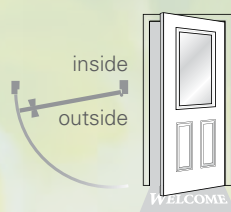
Right hand Inswing



Right hand Outswing



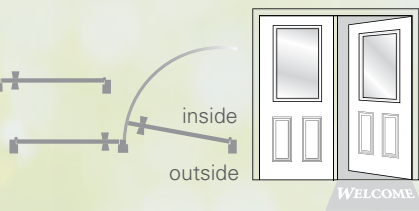
Left hand Outswing



double Left hand Inswing



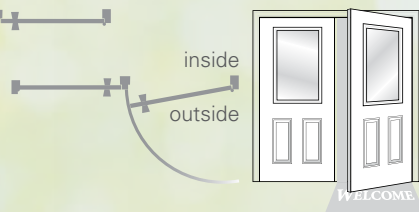
double Right hand Inswing



double Right hand Outswing

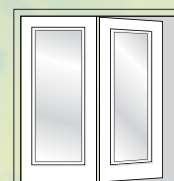


double Left hand Outswing

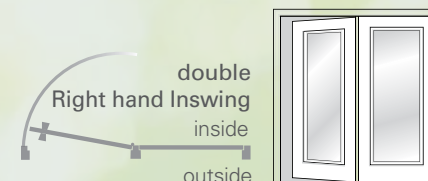


# GARDEN PATIO DOOR SWING GUIDE

as viewed from outside



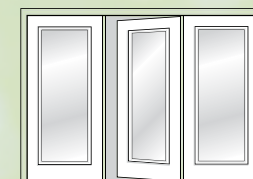
double  
Left hand Inswing  
inside  
outside



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"		NA Fiberglass
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"		NA Fiberglass
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** **ULTRA** ENTRY DOOR  
THERMAL STEEL + FIBERGLASS





**NAMI**  
Certified

Made in the USA 