



The **True Fiberglass** Swinging Door

SHOWN HERE Series 658 Inswing in Black, 2-Panel 3/4 Lite 36x96" Panel and 14x96" Sidelites in Oak Grain, Triple Pane LoE-366 Argon Glass with 1" Flat SDLs, 250 Panning, and Multi-Point Modern 2x10" Plate with Stuttgart Lever in Satin Brass. Credits: Republic Architecture, Harris Builders, Lindsay Reid Photography



## OVERVIEW OF SWINGING DOORS

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# FEATURES

## FIBERGLASS DOOR FEATURES

- 1 Compression weatherstrip
- 2 Strong fiberglass insulated frame
- 3 Insulated fiberglass slab
- 4 Endless design & colour options
- 5 Thermally broken low profile sill

### High Quality Hardware

- 6 Optional German-engineered multi-point lock
- 7 Premium stainless steel ball bearing hinges



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## QUALITY IS IN THE DETAILS.

Make a statement with your doors. FiberWall™ Swinging Doors can project any style, with amazing size capabilities and finish flexibility.

With a rigid insulated fiberglass frame, a thermally broken sill, heavy duty hinges, and even multi-point locks, FiberWall™ delivers excellent performance and durability.



About 65% glass content in the fiberglass is what makes the frame strong and durable

WHY FIBERGLASS

# FIBERGLASS STRENGTH

All panels and frames are made of fiberglass, a modern-day material with clear advantages:

### Stability

The material characteristics of pultruded fiberglass includes very low rates of expansion and contraction. This characteristic provides an excellent advantage in maintaining good seal contact in hot or cold weather due to reduced relative movement of frames, sash and glass relative to each other.

### Environmental Considerations

Fiberglass features the lowest embodied energy (low energy consumption in lineal production) when compared to other common frame materials, as well as providing the longest life expectancy.

### Strength

A well-engineered fiberglass door demonstrates vastly superior strength characteristics when compared to other materials, like PVC. Fiberglass supports large insulating glass units, allowing you to create a stunning wall of glass.

### Energy Efficiency

Pultruded fiberglass materials have MUCH lower conductivity than materials such as aluminum. Insulated frame and sash components reduce the conductivity, allowing for the creation of some of the most energy efficient details in the world.

### Low Maintenance

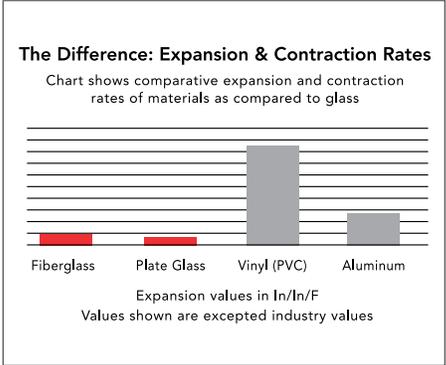
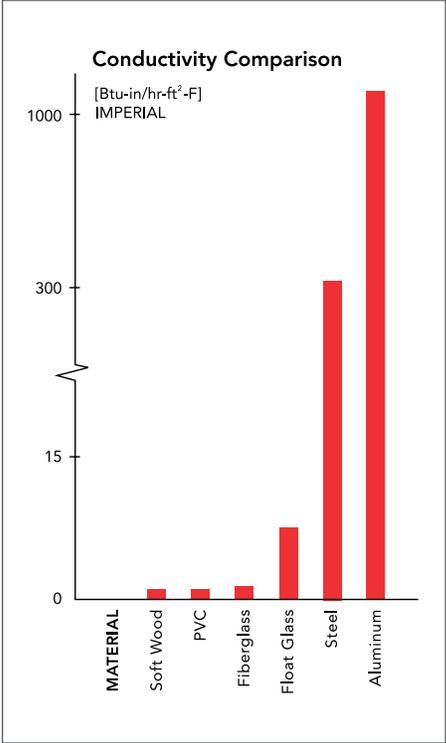
Fiberglass is an extremely stable material that does not rot or require regular maintenance like wood.

### Non-Corrosive Characteristics

The non-corrosive characteristic of the material is an advantage when considering coastal applications.

### Any Colour, Inside and Out

Architectural coatings can be applied in ANY colour, on the interior and exterior. Industry standard AAMA 623 for light colours/stains and AAMA 624 for medium/dark colours.



## BUYING GUIDE

Design considerations  
when buying a door:

### Door swing

Interior/exterior space requirements

### Door width and height

Scale relative to the room

Ability to move furniture

### Door depth

FiberWall™ 458 indicates a 4 5/8" frame depth

FiberWall™ 658 indicates a 6 5/8" frame depth

### Single or double door

Astragals in double doors leave a wide, clear opening

### Access to fresh air

Venting sidelites

Electric opening transoms

Disappearing screens

### Privacy

Obscured glass

### Security

Multi-point locks

### Insulating Glass

Tempered Safety Glass

Dual or Triple Pane\*

Low E coating and Argon fill\*

Warm edge spacer

*\*Available on select styles only.*

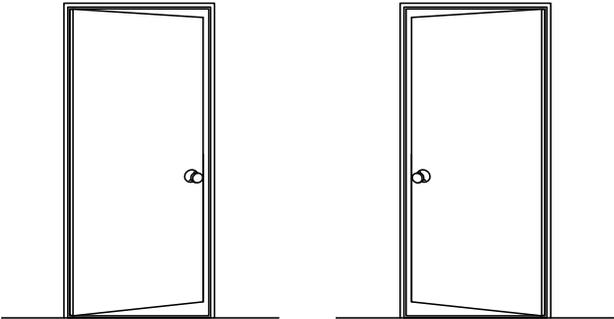


Find ultra high performance glass in the **Contemporary Collection**.

Viewed from the Exterior

### Door Configurations

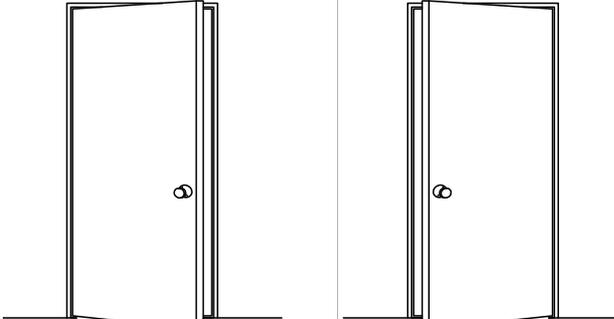
#### Inswing



Left-Hand

Right-Hand

#### Outswing



Left-Hand

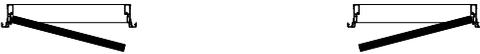
Right-Hand

#### Single Door



Left-Hand Inswing

Right-Hand Inswing



Left-Hand Outswing

Right-Hand Outswing

#### Single Door with Left-Hand Sidelites



Left-Hand Inswing

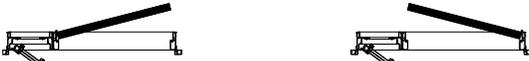
Right-Hand Inswing



Left-Hand Outswing

Right-Hand Outswing

#### Single Door with Venting Casement Sidelites



Left-Hand Inswing

Right-Hand Inswing



Left-Hand Outswing

Right-Hand Outswing

#### Single Door with Right-Hand Sidelites



Left-Hand Inswing

Right-Hand Inswing



Left-Hand Outswing

Right-Hand Outswing

#### Single Door with Double Sidelites



Left-Hand Inswing

Right-Hand Inswing



Left-Hand Outswing

Right-Hand Outswing

#### Double Door



Left-Hand Inswing

Right-Hand Inswing



Left-Hand Outswing

Right-Hand Outswing

# BUYING GUIDE

## Perimeters

Select from a variety of aluminum perimeters, which are attached to the exterior of the frame for installation purposes.

Note: All doors require installers to fasten 3 1/2" long screws through the hinges and into structural framing.



### Box Unit

Frame only with no nailing fin.  
Install through-frame.

### Narrow

Simple, slim, most common choice of nailing fin

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### New Wide

Nailing fin that sets the door deeper into the wall by 2", creating elegant shadow lines

### 250 Panning

Nailing fin with added 2 1/2" depth for rigid insulation or brick

### 350 Panning

Nailing fin with added 3 1/2" depth for rigid insulation or brick

## Brickmoulds

Select from a variety of aluminum brickmoulds, used in renovation projects to cover installation screws, or to emphasize the doors by outlining the frame.



### Flat

Most commonly used contemporary capping piece, available in 1" or 1 1/2"



### Profiled

Capping piece with elegant shadow lines that mimic millwork

## Interior Options

Jamb extensions are available to suit a wide range of jamb depths.

### 1 Cellular (solid) PVC

A pre-finished, low-maintenance material which is easily adapted to custom jamb depths and is site friendly for the addition of interior casing trims. Available in white or factory finished to match the door frame.

### 2 Drywall Return

An extruded PVC clip available in white only, for 1/2", 5/8", or 3/4" drywall.

### 3 Solid Oak or Maple

Ready for site finishing to suit décor.

### 4 Pacific Coast Hemlock (stain or paint-grade)

A west coast wood with a lighter base which is easily stained to lighter or darker finishes, adding a textural element to the low maintenance fiberglass frame.



## COLOURS

Select one colour for the frame and the panel, or select a frame colour and complementary panel colour. Custom colour matches are also available as required for solid colours only.

Solid Colours are applied using an industrial coating, adhering to AAMA standard 623 for light colours, and AAMA 624 for medium to dark colours.

Colours are not always exactly as shown.

### STANDARD

White



Espresso



### PREMIUM

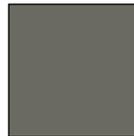
Almond



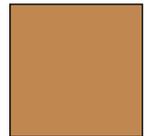
Brick Red



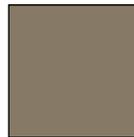
Slate



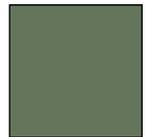
Cedar



Brownstone



Sage Green



Black



Evergreen



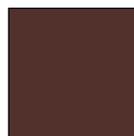
Charcoal



Steel Blue



Chestnut



Midnight Blue



DUXTON Red



Bronze



Cranberry



Silver



**DESIGN TIP: ANY  
COLOUR, IN AND OUT!**

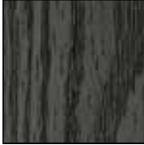
Choose a different colour for the exterior and interior, called a *Split Finish*.

STAINS

Stains apply to woodgrain door panels only. Colours may not appear exactly as shown. Woodgrain door panels are available in any stain colour, but select grain types.

Stain Colours are applied using a water-based coating, with a darker grain colour to bring out the wood grain pattern in the fiberglass skin, adhering to AAMA standard 613-02.

Stains are not always exactly as shown.

	On Cherry Grain	On Fir Grain	On Oak Grain
CHERRY RED STAIN			
COCOA STAIN			
HAZELNUT STAIN			
HONEY STAIN			
SMOKE STAIN			
WHEAT STAIN			

## INSULATING GLASS

DUXTON offers the widest range of insulating glass options to suit almost any requirement. We provide our customers with exceptional value and durability, warm edge spacers, argon gas fill, and a family of LoE options.

- Dual Pane (7/8" or 1" OD) or Triple Pane (1" or 1 3/8" or 1 5/8" OD)
- Warm edge stainless steel spacer
- Argon gas fill in all cavities
- Choice of 1 or 2 LoE coatings
- Choice of LoE coating type
- 20 Year Limited Warranty for single family, or 10 Year for other applications

### Mid-Range Lo-E 272

As the most popular choice amongst coatings, Lo-E 272 delivers year-round comfort in all types of weather. In the winter, it reflects heat back into the room. In summer, it rejects the sun's heat and damaging UV rays. With two layers of silver applied to the glass, this coating offers excellent insulation values with great visibility.

### Solar Block Lo-E 366

Lo-E 366 is an excellent solution that prevents summertime overheating problems and excessive cooling loads. With three layers of silver applied to the glass, this coating delivers excellent insulation values and solar heat gain control, while maintaining good visibility.

### Solar Gain Lo-E 180

Solar Gain Lo-E 180 is an excellent product for passive solar applications. It blocks heat loss, while letting the sun's heat stream inside. LoE-180 also lets in more light than ordinary Lo-E products – turn off artificial lighting and enjoy natural light.

## Compare Visible Light Transmittance

Lo-E coatings combined with clear glass in a dual pane



Clear | LoE 180



Clear | LoE 272



Clear | LoE 366

# PRIVACY

The right glass for your project.

Privacy Level

- Clear
- Semi-private
- Private



Mist



Narrow Reed



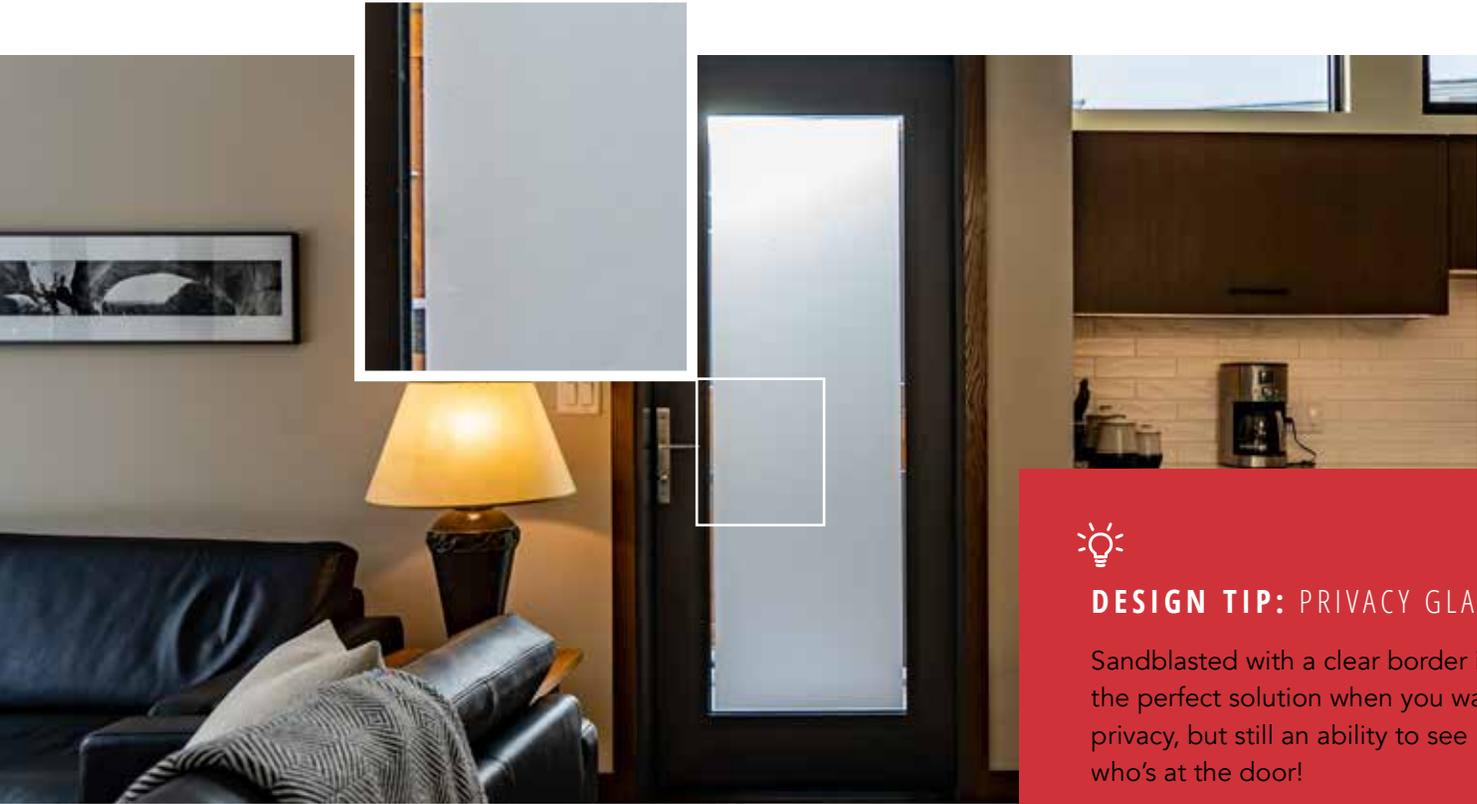
Wide Reed



Rain



Sandblasted



### DESIGN TIP: PRIVACY GLASS

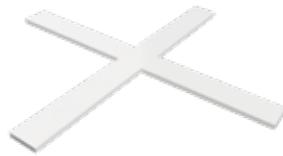
Sandblasted with a clear border is the perfect solution when you want privacy, but still an ability to see who's at the door!

## SIMULATED DIVIDED LITES (SDLS)

Simulated Divided Lites offer the most impact, as they are applied on the surface of the glass (interior and exterior), with internal grills inserted between the glass panes for added depth. SDLs offer an excellent solution when the aim is to replicate true divided lites.



Choose from flat, profiled, or a combination of flat and profiled to replicate a simulated sash. Available in ANY Standard or Premium Colour.



**Flat 3/4"**



**Flat 1"**



**Flat 1 1/2"**



**Flat 2"**



**Flat 3"**



**Profiled 7/8"**



**Woodgrain Composite 1"**

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## INTERNAL GRILLS (IGS)

Choose from a variety of flat or profiled IGs. Internal Grills offer an easy-to-clean, cost effective solution for adding a grill pattern to your windows and doors. Available in dual pane glass and select triple pane glass.

Some options will differ by product line, contact us for more information.

### Internal grills available:



**Flat 5/16"**

Available in White, Black, Bright Gold or Pewter



**Flat 5/8"**

Available in White, Espresso, Black, Brownstone, or Bright Gold



**Profiled 11/16"**

Available in White, Espresso, Black, or Brownstone





SHOWN HERE Product: Series 658 Inswing in Black, 3/4 Lite Custom Cut-Out 34x80 Panel, Triple Pane LoE-180 Argon glass, 7/8" Profiled 2x2 SDLs, Narrow Perimeter, Flat Expander, Double Drilled, Hardware by Customer

# HARDWARE OPTIONS



SEE IT IN ACTION!

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**ABOVE** Series 458 Inswing in Black Out / White In, Flush Panel with 458FX Sidelite, Vertical Narrow Reed Triple Pane Argon Glass, and Multi-Point Lock with Modern 2x10 Stuttgart Lever in Satin Nickel

## MULTI-POINT LEVER

Our most popular hardware, and the simplest way to upgrade to a multi-point since it functions like any other door!

The lever controls all three latches at the same time, creating a seamless experience for all users. Simply press the lever down to open the door or release the lever to close the door. To lock the door, twist the deadbolt as you normally would.

## SELECT YOUR HARDWARE

Select a Multi Point Lock Trim from Emtek; or a "Roma" Lever for a Smart Lock

### Large Multi Point Entry Set



**Modern Rectangular**  
2 1/2" x 17 1/2" Plate,  
American Cylinder  
Dumont Lever, Satin Brass (US4)



**Modern Rectangular**  
2 1/2" x 17 1/2" Plate,  
Euro Cylinder  
Myles Lever, Satin Nickel (US15)



### DESIGN TIP: CONSIDER YOUR HARDWARE!

Magnets and Multi-Point Locks are customer favourites, with hardware at the top, middle, and bottom of the door panel. Available in all sizes and styles.

- Magnets and Multi-Point Locks both keep the panel tight to the frame, increasing air tightness
- Multi-Point Locks also:
  - Improve security and safety, reducing the likelihood of break-ins
  - Add weight to the door, creating a more upscale feel to the operation
  - Include the handle of your choosing in the hardware package

*Double drilled doors with or without magnets have the handle/deadbolt sold separately*

### BRASS LEVER OPTIONS



### FINISH OPTIONS



Large Entry Sets will not fit on narrow stiles, including Full Lite Flush Glazed and Rail and Stile doors. The position of the lever may be above or below the cylinder depending on your hardware's configuration.

# HANDLE OPTIONS

## Contemporary Stainless Steel



**Stainless Steel**  
1 1/2" x 11" Plate, Keyed, *Athena Lever, Stainless Steel (SS)*

**Stainless Steel**  
2" x 10" Plate, Non-Keyed, *Stuttgart Lever, Stainless Steel (SS)*

## STAINLESS STEEL LEVER OPTIONS



## FINISH OPTIONS



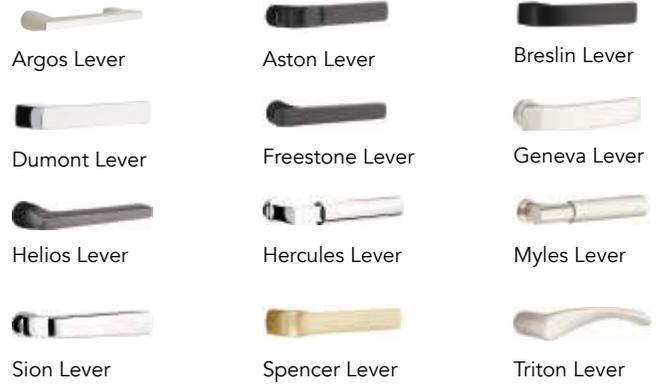
## Contemporary Brass



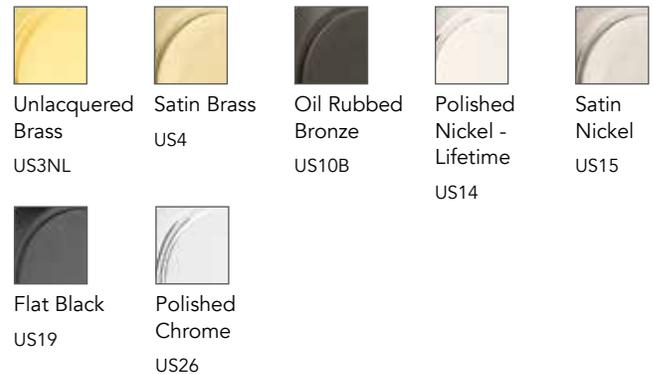
**Modern**  
1 1/2" x 11" Plate, Keyed, *Helios Lever, Satin Nickel (US15)*

**Modern**  
2" x 10" Plate, Non-Keyed, *Stuttgart Lever, Polished Chrome (US26)*

## BRASS LEVER OPTIONS



## FINISH OPTIONS



## Sandcast Bronze



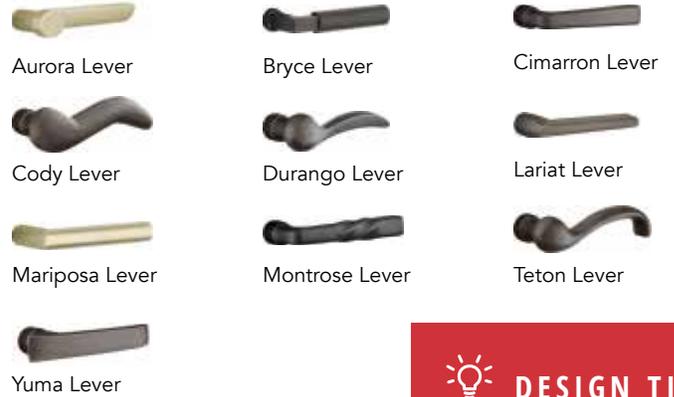
### Rectangular

1 1/2" x 11" Plate, Keyed, *Cimarron Lever, Medium Bronze (MB)*

### Rectangular

2" x 10" Plate, Non-Keyed, *Lariat Lever, Tumbled White Bronze (TWB)*

### BRASS LEVER OPTIONS



### FINISH OPTIONS



### DESIGN TIP

Sandcast Bronze is made to patina over time, creating a "living" finish that showcases exposure and wear patterns for a unique appearance.

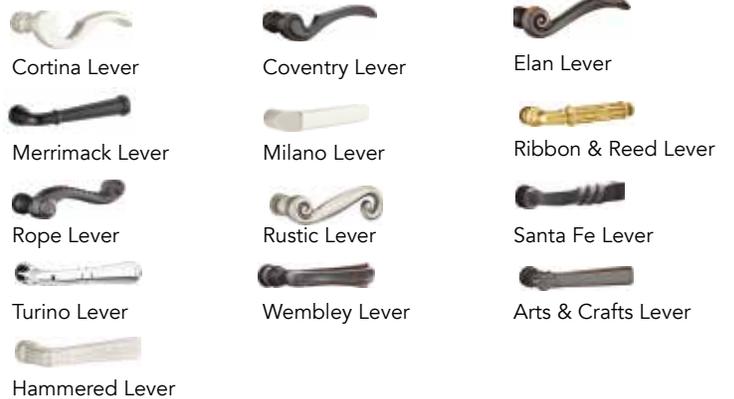
## Traditional Brass - Concord



### Concord

1 1/2" x 11" Plate, Keyed, *Elan Lever, Satin Nickel (US15)*

### BRASS LEVER OPTIONS



### FINISH OPTIONS



# HARDWARE OPTIONS



SEE IT IN ACTION!

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ABOVE Series 658 Inswing in Black, 1-Lite Panel with 658FX Sidelite, Triple Pane 272/180 Argon Glass, Multi-Point Lock with Danalock V3 Roma Lever in Black, Danapad in Black, and Danabridge in White

## Multi-Point Lever with Smart Lock

Offering all the benefits of our Multi-Point Lever, with the added benefit of keyless entry! The Danalock V3 is a wireless smart lock that lets you easily control access to your home with your smartphone. You can create an unlimited number of digital keys. Program each user's access level by choosing permanent or temporary access. See who has used the lock in the app.

Features:

- **Automatic Unlock** – The Danalock V3 detects your arrival and unlocks the door for you.
- **Flexible Access Control** – Lock, unlock, and monitor the Danalock from anywhere.
- **Long-lasting Battery Life** – The Danalock has an average battery life of 12 months depending on daily use. The battery status is easily viewed in the App.

**Danalock**  
2 1/2 x 2 13/16"



### Select a Handle

Roma Handle, in Black, Satin Nickel, or Dark Bronze on a 2 1/8 x 12 1/4" backplate. Smart locks are only compatible with a limited range of Ferco handle options.



### Optional Danapad V3

*Available in Black or Satin Nickel*

With its Bluetooth interface to the Danalock V3 smart lock, the Danapad V3 keypad extends secure, controlled access. You no longer have to bring a key or a phone when leaving home. Create a pin code for each guest.



### Optional Danabridge V3

*Available in White*

Plug the Danabridge V3 into a power outlet and connect it to your home Wi-Fi in the Danalock app – then it is ready to be paired with your Danalock smart lock. Remember to place it within Bluetooth range.



## HARDWARE OPTIONS

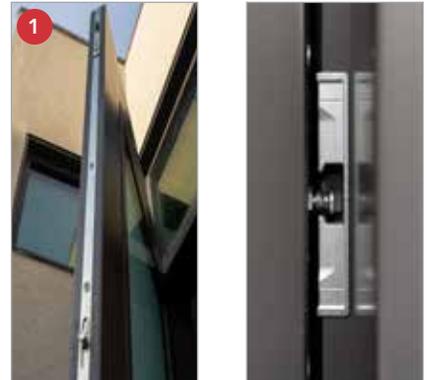


 **SEE IT IN ACTION!**

### Multi-Point with Euro Lever

This high-performance hardware offers a minimum of 4 latches plus the lever/deadbolt latches, and additional latches in taller sizes. To close the door, pull the door shut, and the single latch at the handle will engage. To fully seal the door, also lift the lever, which will lift all the mushroom heads simultaneously and pull the panel towards the weatherstripping. To lock the door, close it, lift the lever, then twist the deadbolt. The hardware offers the added benefit of adjustability on the mushroom heads.

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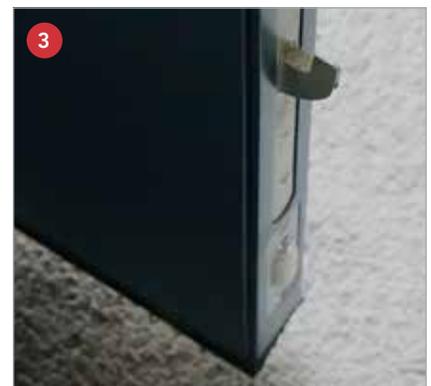
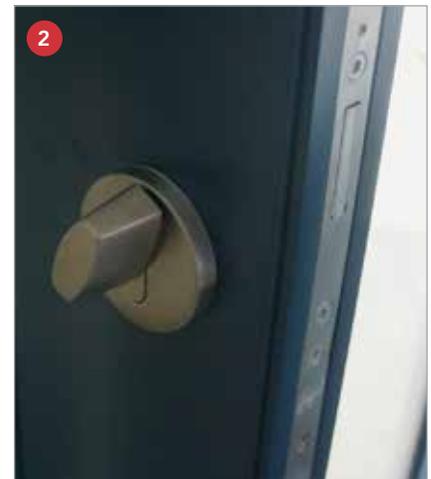


**ABOVE** Series 658 Outswing in Charcoal with 1-Lite Panel and 658FX Transom, Triple Pane 366/180 Argon Sandblasted Glass with Clear Border, 250 Panning, Multi-Point with Euro Lever, and 1.5 x 11" Modern Athena Handle in Satin Nickel



## Hook Multi-Point with Pull Bar

 **SEE IT IN ACTION!**



These stylish pull bars are exclusively available with a Hook Multi-point lock. The pull bars come standard with 45 degree offsets to give your hand more clearance to reach the thumb turn for locking. To open or close the door, push or pull, and the magnets will hold the door in place. The oval magnets are quite strong, so you will have to use more force to open the door, but less force to close the door. To lock the door, spin the thumb turn 2 1/2 full rotations (spin 4-5 times).

Choose your Pull Bar, in Black or Stainless Steel:

- Short Pull (31 1/2")
- Medium Pull (47 1/4")
- Long Pull (70 7/8")

**ABOVE** Series 658 Inswing in Midnight Blue with 4-Lite 36x80 Panel and 658FX Sidelite, 23 3/4 x 11 3/4" Triple Pane 2-272 Argon Glass, Narrow Perimeter with Flat Expander, and Multipoint Lock with Medium Pull Bar in Stainless Steel

## HARDWARE OPTIONS



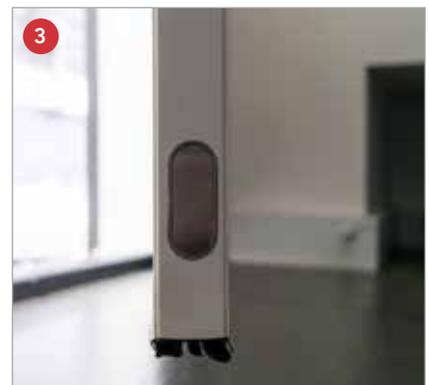
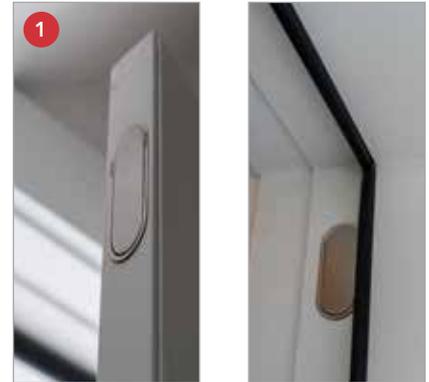
 **SEE IT IN ACTION!**

### Double Drilled with Magnets

Most double drilled doors only latch in two places: at the lever and at the deadbolt. However, this leaves the top and bottom of the door free to pull away from the weatherstripping. Magnets are a great, inexpensive solution to seal your door top to bottom!

The oval magnets are quite strong, and actively pull the door towards the weatherstripping to keep the seal consistent year-round. Note that you will have to use more force to open the door, but less force to close the door.

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**ABOVE** Series 658 Inswing in White with a 2-Panel Shaker Panel, 22x36" Triple Pane LoE-272 Sandblasted Glass, Duxton Contemporary Doorlite Frame, and Electronic Keypad with Hermes Lever on Neos Rosette in Oil Rubbed Bronze

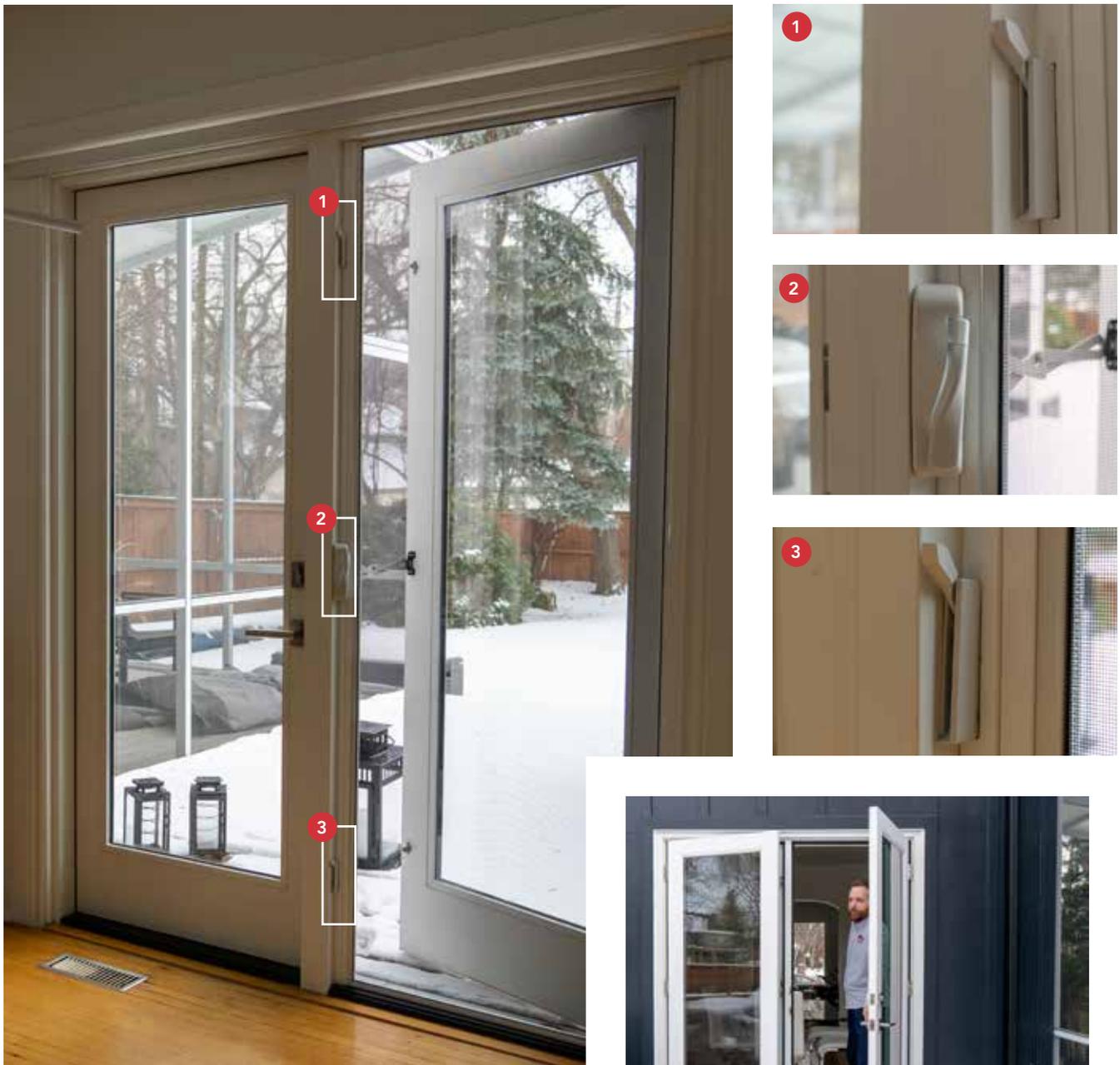


**SEE IT IN ACTION!**

## Garden Doors

The classic Garden Door comes with a venting panel on one side for fresh air, and a regular door on the other side. Or, for the most air-tight option, choose a fixed panel instead of the venting panel. Either option has great symmetry that suits a more traditional style home. Garden doors are typically outswing, although it is possible to combine an inswing door with an outswing vent.

Feel free to customize your hardware on the operable (walkthrough) panel, and choose from any of our standard options including double-drilled with magnets, or multi-point locks.



**ABOVE** Series 458 with Left-Hand Vent and Right-Hand Outswing Door in White, Flush-Glazed 32x80 Panels, Dual Pane LoE-272 Argon glass, Narrow Perimeter with Flat Expander, and Emtek Square Backplate with Stuttgart Lever and Square Deadbolt in Brushed Stainless Steel

## HARDWARE OPTIONS



 SEE IT IN ACTION!

### Double Doors

Double Doors come in many shapes and sizes, depending on the desired functionality, performance, and aesthetics. Consider the functional options below.



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### French Doors with Astragal

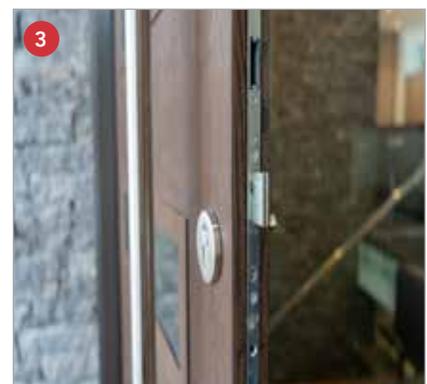
French Doors come with an Astragal in the middle, meaning a full and clear passage when both doors are opened. Consider which door you will use on a daily basis, and that will become your Active Panel. The Passive Panel will be pinned in place with a shoot bolt, and when you choose to open both doors, you flip the lever.

French Doors can be made with any choice of hardware (see *Hardware Options*). We would recommend multi-point locks for the best performance and comfort throughout the year.

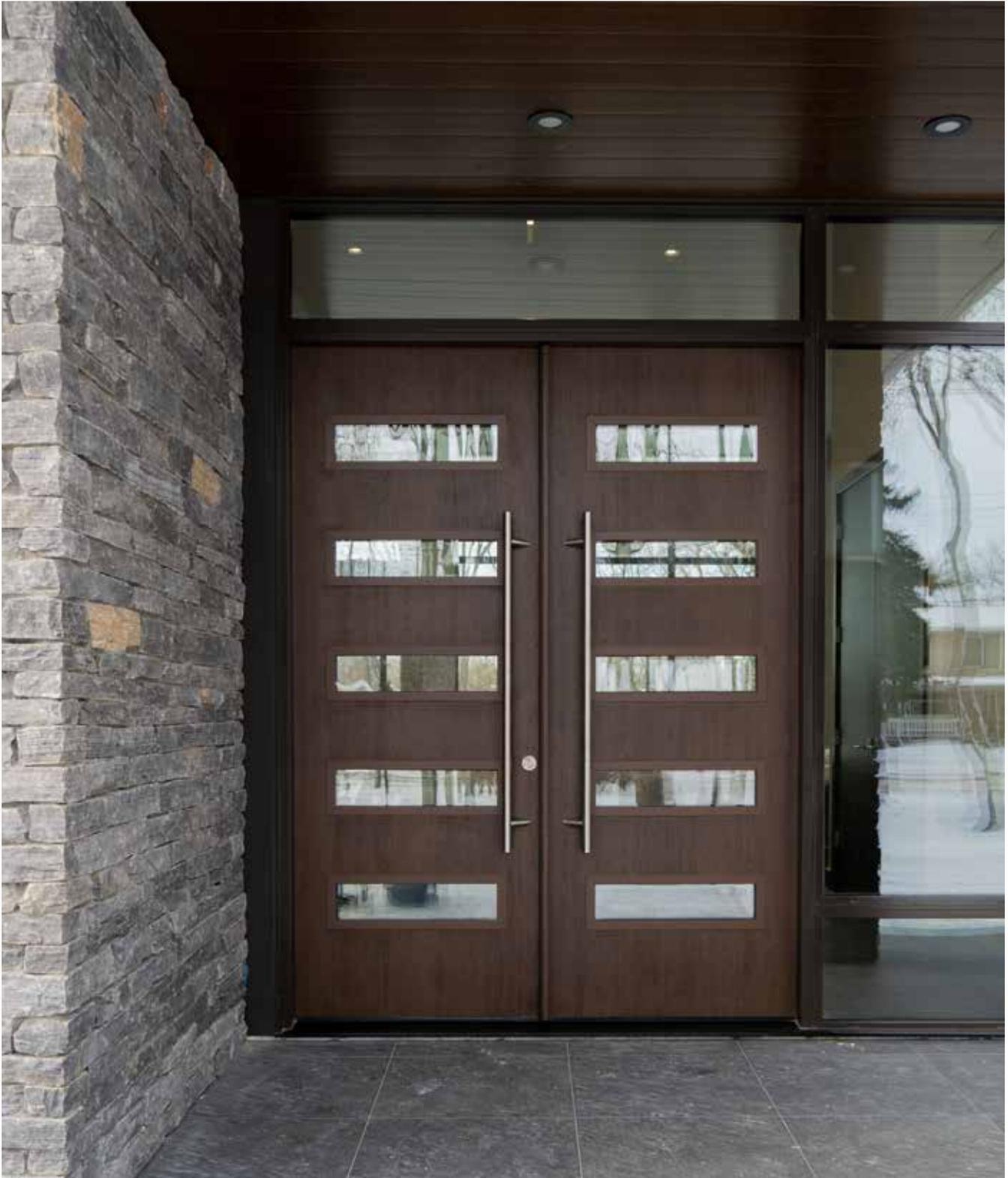
### Passive panel with Shoot Bolt Lever:



### Active panel with Hook Multi-Point Lock:



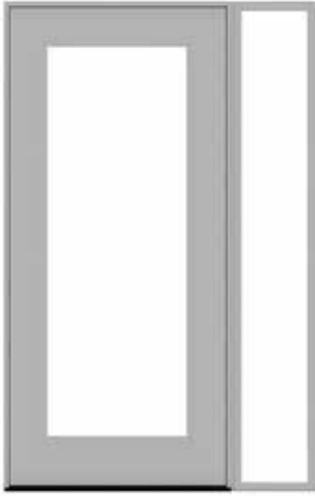
**Hook Multi-Point with Pull Bar**



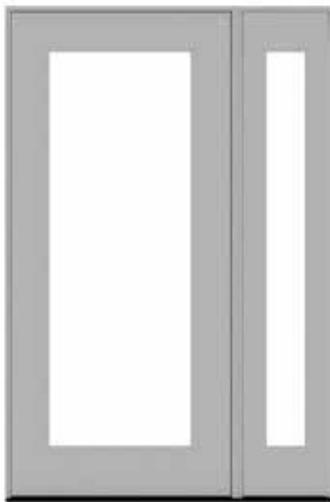
**ABOVE** Series 458 Inswing in Espresso Frame with 5-Lite Cocoa Stained 36x96 Cherry Grain Panels, Left-Hand Active / Right-Hand Passive, 23 ¾ x 6" Triple Pane Double Low-E Argon Glass, Duxton Contemporary Doorlite Frames painted to match, and Hook Multi-Point with Medium Pull in Stainless Steel  
Credits: LD Builders, Glenat Duxbury Interior Design

## SIDELITE OPTIONS

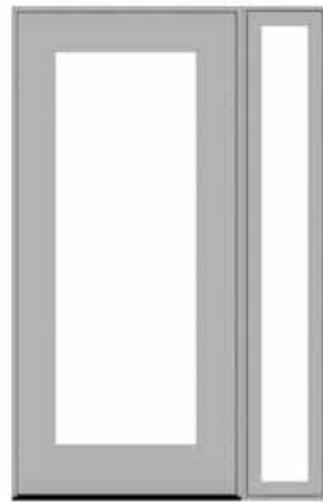
A sidelite can be manufactured in a number of ways:



1 All Glass



2 Sidelite Panel



3 Venting Casement

### 1 All Glass

Choose an All Glass sidelite for maximum glass area. It works in most applications, since the All Glass sidelite can be made to many different custom sizes (Specify FiberWall™ Fixed Series 458/658).

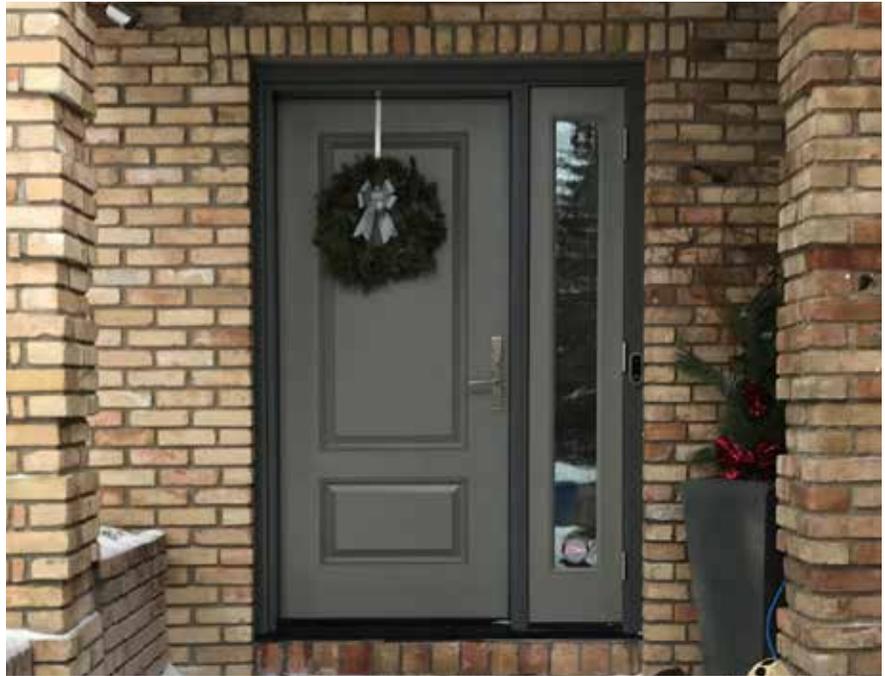


**SHOWN HERE** Series 458 Inswing with All Glass 9 1/2 x 82" Sidelite in Espresso, 3-Panel 34x80 Shaker, Triple Pane 272 Argon Wide Reed patterned glass, Narrow Perimeter, Flat Expander, Multi-Point Lock with Large Modern Plate, and Dumont Lever in Satin Nickel

## 2 Sidelite Panel

Choose a Sidelite Panel for a more traditional look, where the sidelines of the door panel are the same as the sidelite panel. Sidelite Panels are only available in limited sizes and styles, so they may not always fit your opening. Sidelite Panels that are 14" and wider can also be made into venting sidelites.

**SHOWN HERE** Series 658 Inswing Frame in Slate Grey with Venting Sidelite Panel in Custom "Desert Twilight", 2-Panel 3/4 Lite 36x80 with 14x80 Full Lite Sidelite Panel, Narrow Perimeter, Flat Expander, and Multi-Point Lock with Lever in Satin Nickel.



## 3 Venting Casement

Choose a Venting Casement sidelite for fresh air. This Series 458 Casement is robust enough to achieve sizes up to 98" tall, and widths from 15 3/4 to 36". This is a great solution when your rough opening does not accommodate a standard sidelite door panel (specify FiberWall™ Casement Series 458 or Series 658 planted).

The hardware on the Venting Casement is ergonomically side-mounted, meaning that the crank is at the center point on the vertical portion of the frame. Similarly, the two camlocks are placed above and below the crank.



**Shown with Closed Casement**



**Shown with Open Casement**

**SEE IT IN ACTION!**



**SHOWN HERE** Series 658 Inswing with Planted 458 Casement in Charcoal, 1-Lite 42x96 Panel, Triple Pane 366/180 Argon glass, 250 Panning, and Hook Multi-Point with Medium Pull in Black.

## TRANSOM OPTIONS

Yes we can! Unlike some door systems, we can customize transom windows to just about any size. The transom connects cleanly to our swinging door frames using FiberWall™ Fixed Series 458 or 658. To get fresh air, you can even choose a FiberWall™ 458 Awning to add fresh air above your door, but consider an electrically operated Marvel operator so you have better access to it.

### Glazing Options:

- Clear glass (in any dual or triple pane Low-E configuration)
- Textured glass
- Glass with SDLs (Simulated Divided Lites)
- Glass with Internal Grills
- Custom decorative glass (contact us for details)

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**SHOWN HERE** Series 458 Inswing with Venting Casements and Transom in Slate Grey, 42x96 Panels, Custom Lexington Glass, Narrow Perimeter with Flat Expander, and Emtek Disk Rosette with Helios Lever in Satin Nickel

**OPPOSITE PAGE** Series 458 Outswing with Fixed Sidelite and Transom (Clear) in Charcoal Out/Espresso In, 36x80 Flush Glaze Panel, Triple Pane LoE-272 Argon Glass, Narrow Perimeter with Flat Expander, and Multi-Point Lever with Modern 1.5 x 11" plate Athena Lever in Satin Nickel





# THE DESIGNER COLLECTION

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BRING THE OUTSIDE IN.

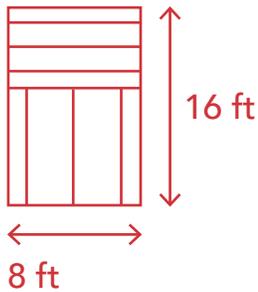
## THE DESIGNER COLLECTION

In response to architect-driven visions, DUXTON has developed entirely unique solutions for doors that challenge industry standards of scale and design.

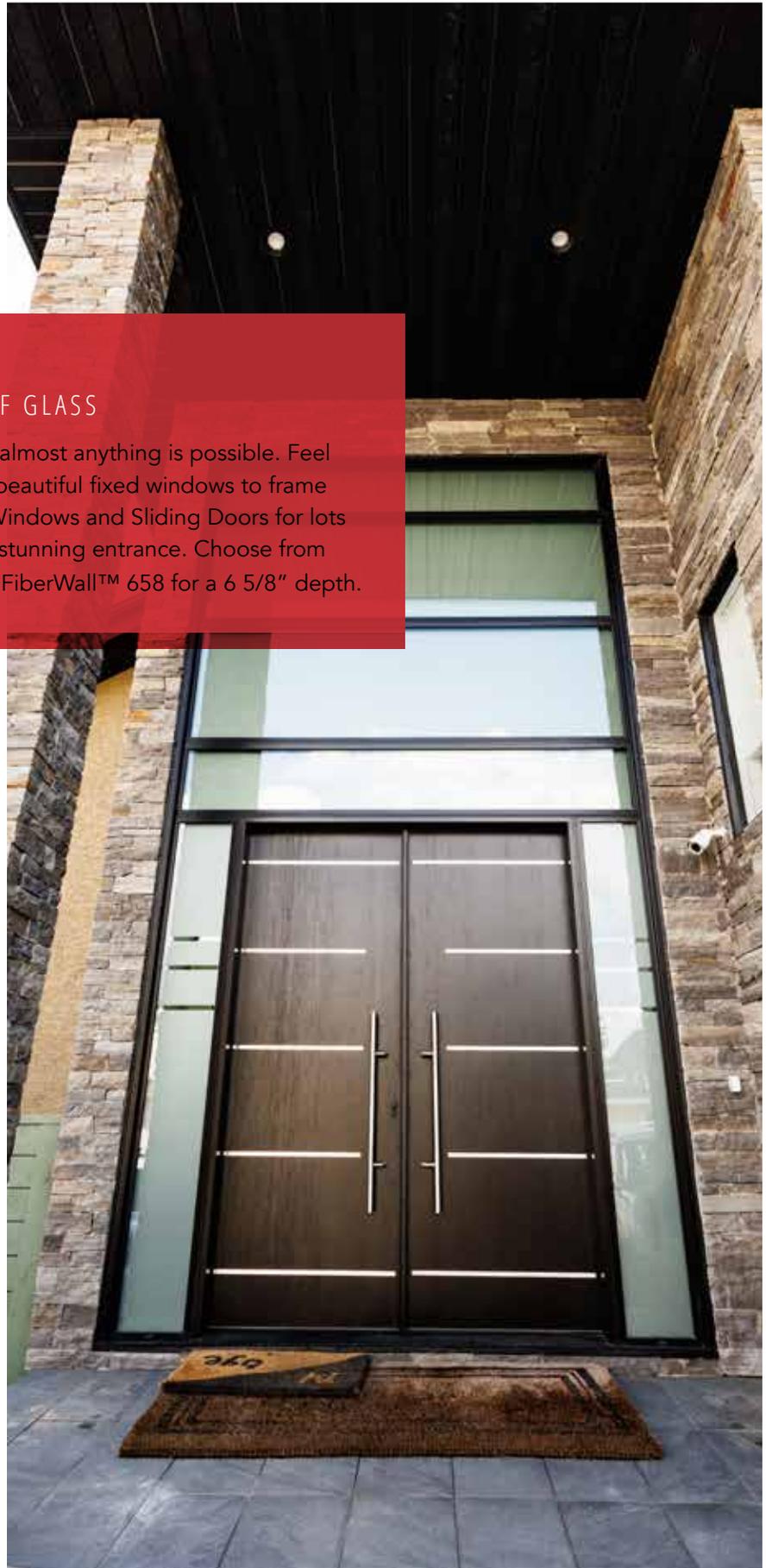


### DESIGN TIP: BUILD A WALL OF GLASS

Using the modular FiberWall™ series, almost anything is possible. Feel free to combine Swinging Doors with beautiful fixed windows to frame your view, or add Casement/Awning Windows and Sliding Doors for lots of fresh air. Perfect for a sunroom or a stunning entrance. Choose from FiberWall™ 458 for a 4 5/8" frame, or FiberWall™ 658 for a 6 5/8" depth.



**SHOWN HERE** Series 658 Inswing French Doors with Astragal in Black, Cherry Grain 36x96 Panels with Steel Inlays, Triple Pane LoE-272 Argon Sandblasted glass, Narrow Perimeter, Profiled Brickmould, and Hook Multi-Point with Short Pull Bars in Stainless Steel.





GREAT DESIGN LIVES HERE.

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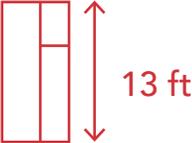
Series 458 Inswing in Black, Flush 36x104" Illusion Panel, 4" Wide Packed Mullions, Triple Pane LoE-272 Argon glass, Hook Multi-Point with Medium Pull Bar in Black. Credits: Sector Architecture + Design, Maric Homes



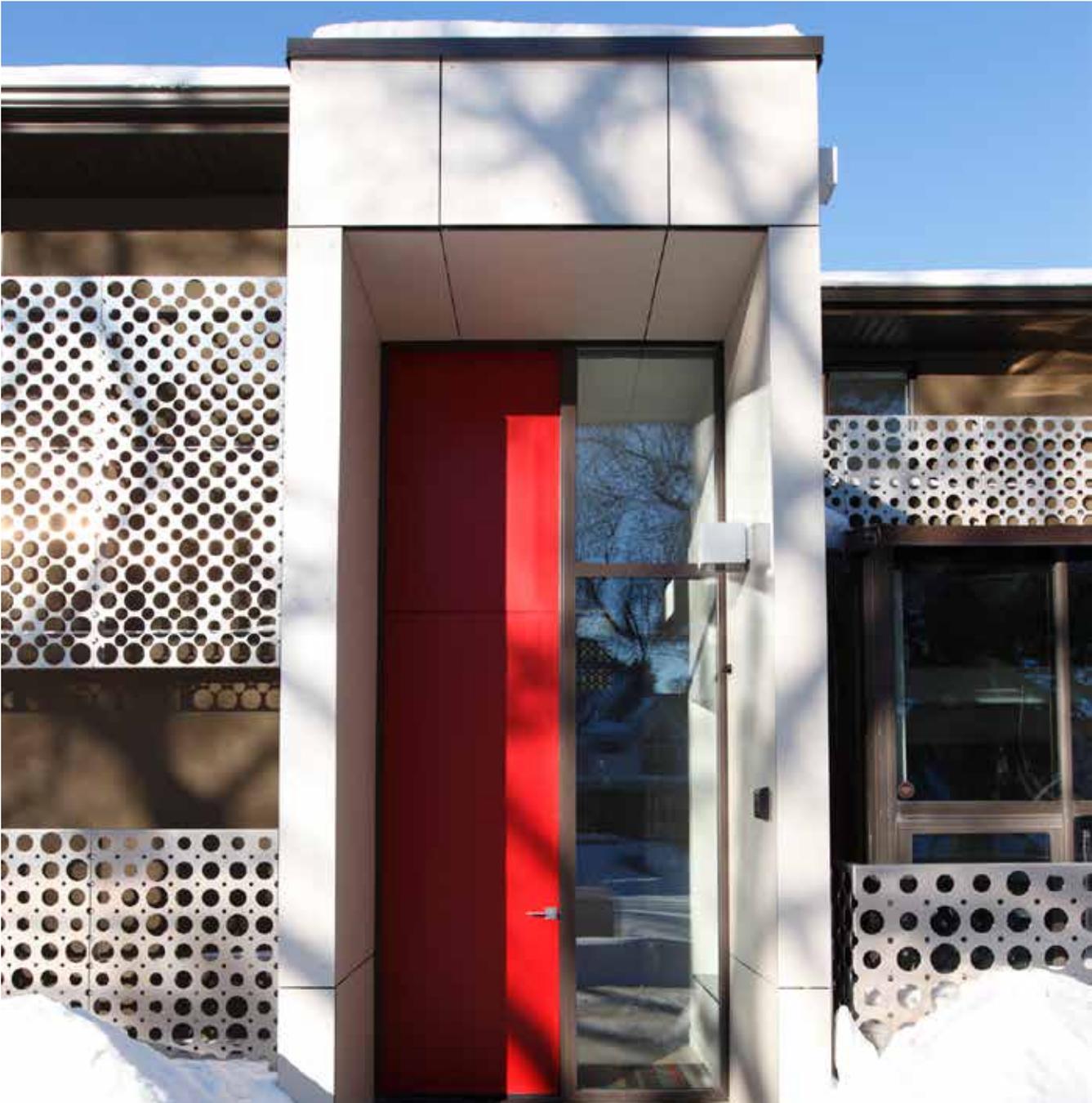
THE DESIGNER COLLECTION

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**SHOWN HERE** Series 458 Inswing in Espresso Frame, 458 Fixed Sidelite, Flush 36x149" Illusion Panel in Custom "Sundried Tomato", Triple Pane LoE-272 Argon glass, Single Drilled with hardware by customer.

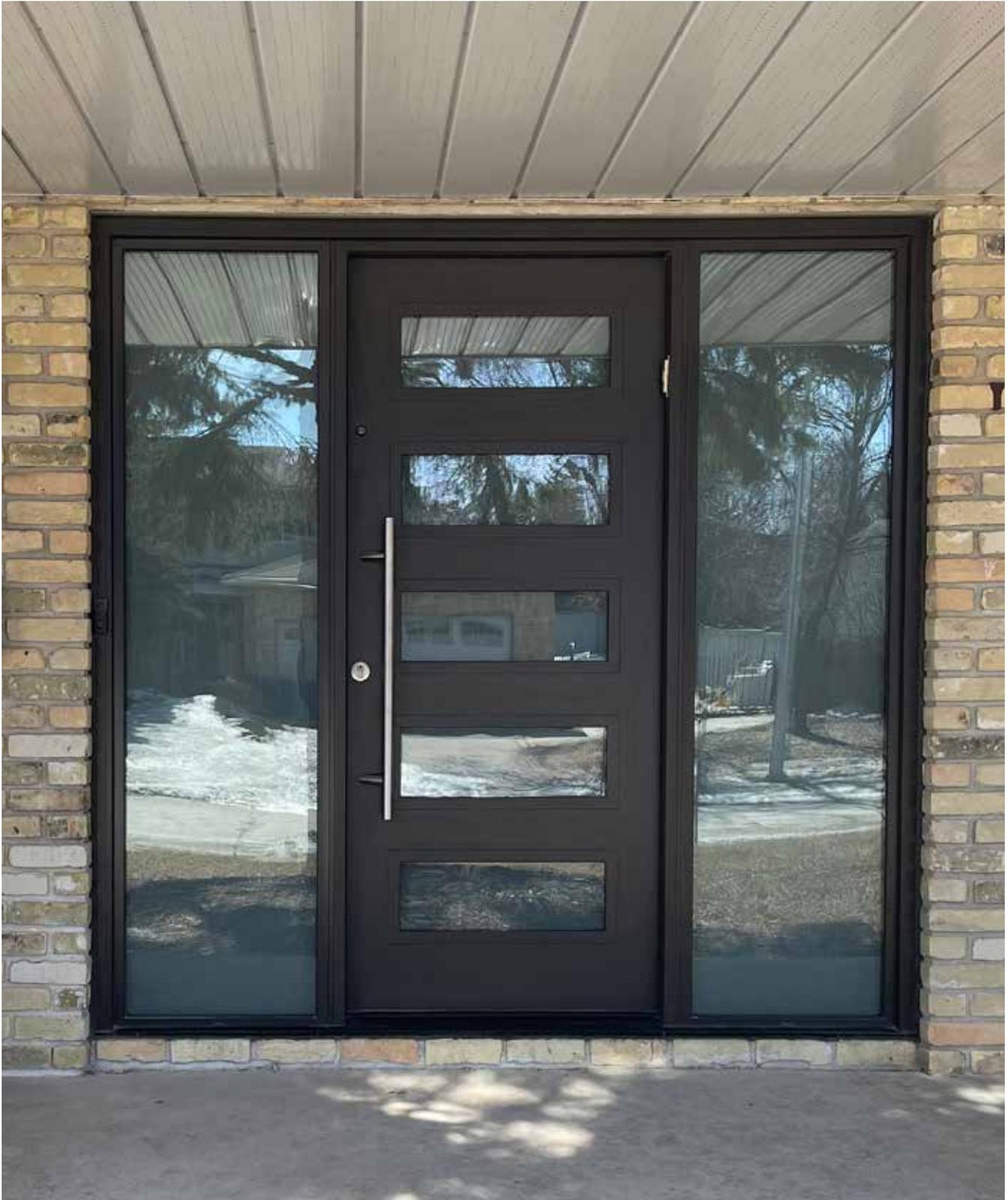


**DESIGN TIP: TOWERING ILLUSION DOORS**

With a high ceiling, take advantage of DUXTON's exclusive Illusion Door. With an operable 8' panel below, a large fixed panel above, and a minimal seam in between, this stunning entrance is one-of-a-kind.

## THE DESIGNER COLLECTION

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**ABOVE** Series 458 Inswing in Espresso with 5-Lite Panel in 42x95", All Glass Sidelites, Triple Pane LoE Argon Sandblasted Glass, Narrow Perimeter, Flat Expander, and Hook Multi-Point with Short Pull Bar in Stainless Steel.

# CUSTOM CUT-OUTS

Create a personalized door with our modern Designer Collection! Select the number of cut-outs and choose a textured glass if desired.

Available in any colour and many different sizes.

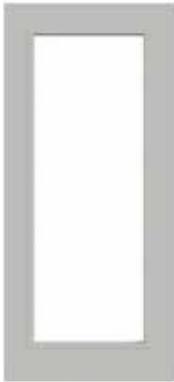
- Step 1** – Choose your Style
- Step 2** – Choose your Panel Texture & Colour (pg.43)\*
- Step 3** – Choose your Glass Texture (pg.12-13)
- Step 4** – Choose your Hardware (pg.16-24)

\*Have your Project Manager verify size availability

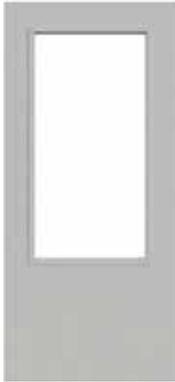
## STYLES



**Flush**



**1-Lite**



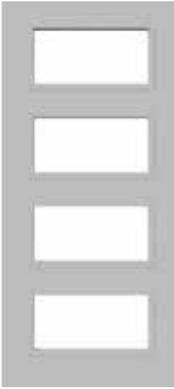
**3/4 Lite**



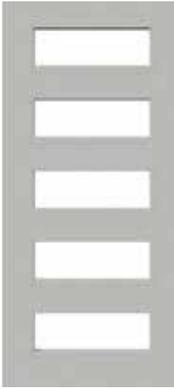
**1/2 Lite**



**3-Lite**



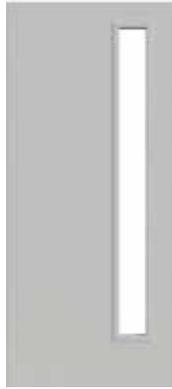
**4-Lite**



**5-Lite**



**Left Offset Lite**



**Right Offset Lite**



**Full Lite Sidelite Panel**

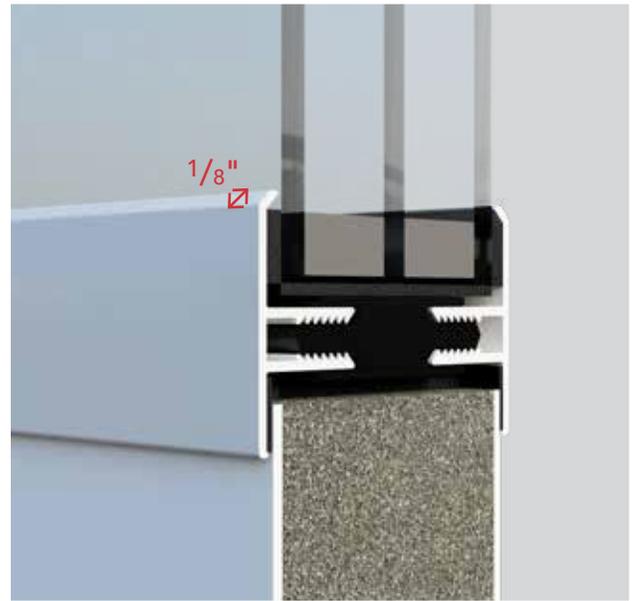
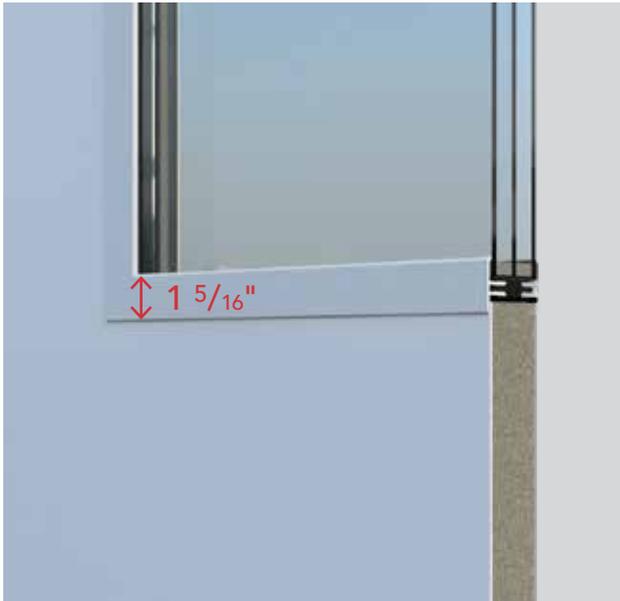
## CUSTOM CUT-OUTS

The quality is in the details. Our sleek, flat doorlite frame is flush with the panel, instead of raised. The frames are thermally broken, with a 1 5/8" OD so you can be confident that your triple pane unit will perform well year-round.

Added bonus: if desired, you can add Internal Grills or shadow bars with your SDLs (Simulated Divided Lites) in a triple pane!

Note: If you need to replace the glass in the future, you may also need to replace the doorlite frames.

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**Duxton Red on Smooth Contemporary Doorlite Frame**



**Smoke Stain on Cherry Grain Contemporary Doorlite Frame**

# CUSTOM CUT-OUTS

Flush Slabs can be cut out into the various styles shown.



Flush

## Smooth



Any Solid Colour (see pg. 10)  
 Custom Colour matches available for solid colours only

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓	✓	✓	✓	✓	✓	✓	✓	●
84"					●	●		✓	●	
96"	●	●			●	✓		✓	✓	

● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.

## Oak Grain



Cherry Red Cocoa Hazelnut Honey Smoke Wheat

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓			✓	✓	✓	✓		
84"										
96"		●			●	●		✓	●	

● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.

## Cherry Grain



Cherry Red Cocoa Hazelnut Honey Smoke Wheat

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"		●				●	●	✓	✓	
84"										
96"						●	●	✓	✓	

● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.



All shown in nominal sizing per industry standards. Actual panel sizes are 1/4" less in width, and 1" less in height. Example: 36x80 measures 35 3/4 x 79". Door frame sizes will vary depending on the configuration ordered.

## Textured Glass Options

This series comes standard with high performance glass! The triple pane Low-E argon glass can be simply clear, or you can select a texture to provide some privacy. See pg. 12-13 for options.

\*Note: Narrow and Wide Reed can be specified as vertical or horizontal.

## GROOVES

A beautiful way to add detail to your door while still maintaining full privacy. Select from the styles below, then select your Panel Texture and Colour. Cherry Grain is a very popular choice, due to its very realistic woodgrain texture, and its beauty in a wide variety of Stain Colours.

*Panel availability is the same as the "Custom Cut-Outs" collection, in Smooth or Cherry Grain only. Woodgrain textures run vertically, regardless of the direction of the grooves.*



C501



C999

duxtonwindows.com



Series 458 Inswing with Fixed Sidelites in Black, Grooved Honey Stain on Cherry Grain Panel, Triple Pane Low-E Argon glass, Panning Perimeter, and Multi-Point with Modern 2.5 x 17.5" Plate Dumont Lever in Satin Brass.



Series 658 Inswing with Fixed Sidelite in White, Grooved Wheat Stain on Cherry Grain C999 Panel, Triple Pane Low-E Argon glass, Narrow Perimeter, Flat Expander, and Multi-Point Lock with Short Pull Bar in Stainless Steel.

RAIL & STILE

Rail & Stile doors are hand-made and constructed from horizontal rails and vertical stiles. Unlike a flat panel, they are more precise and complex to fabricate, making them a premium option. The benefit of Rail & Stile doors is that they can be made to any custom size, up to 42 x 108". Or, if you have a restrictive size in a renovation project, we can customize the panel to best fit your opening.

Rail & Stile panels are available in our standard Smooth finish, with any of our solid standard colours. They are offered as full-glass (full lite) styles only, in dual or triple pane glass. Feel free to add SDLs (Simulated Divided Lites), Internal Grills in limited styles, or Textured Glass as you wish.



Heights	Widths
	Any custom sizing up to 42 x 108"

**RIGHT** Series 458 Inswing in Black with Custom Round Top Transom, Rail & Stile 42 x 80" Panel, Dual Pane LoE-272 Argon Glass with 3/4" Flat SDLs, Narrow Perimeter, and Multi-Point Lever Roma Danalock in Black. Credit: Freedom Developments

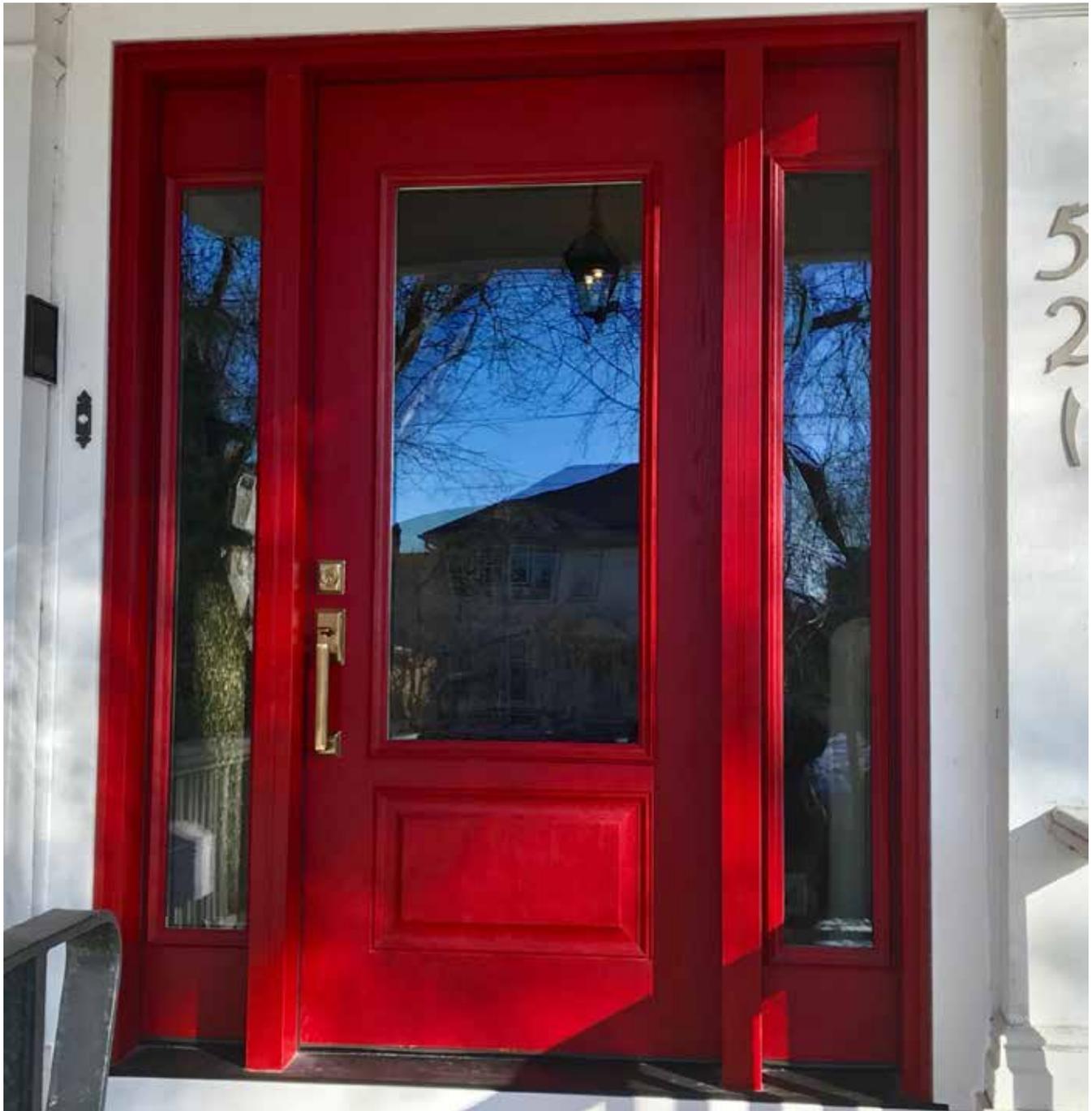
20-MINUTE FIRE-RATED



Heights	Widths							
	24"	28"	30"	32"	34"	36"	42"	48"
80"				✓		✓		

**Flush**

# THE CLASSIC COLLECTION



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The eye-catching appeal of the Classic Collection lies in its deceptively simple elegance. Its judicious aesthetics endow an enduring charm that will span generations. Timeless and traditional, our Classic Collection is inspired by the core value of authenticity. These models will discreetly enhance the look of your entryway. Whether smooth or wood grain in finish, the doors of the Classic Collection are sure to enchant you, year after year.

**ABOVE** Series 658 Inswing with Fixed Sidelites in Custom Caliente Red Out, 36x80 3/4 Lite Panel, Dual Pane LoE-272 Argon Glass, Narrow Perimeter, and Emtek Hamden Handle with Turino Lever in French Antique

**RIGHT** Series 658 Inswing in White with 2-Panel Smooth 36x80 Panel and 12x80 Fixed Sidelites, 3/4 Lite Triple Pane 272/180 Argon Glass, Duxton Contemporary Doorlite Frames, and Double Drilled with Handle supplied by customer



# THE CLASSIC COLLECTION

Smooth fiberglass doors have a very contemporary look and are available in a wide variety of styles and sizes. There is no texture on the fiberglass skin, similar to the door frame.

## Flush-Glazed Panels

A stylish panel that provides full glass. The flush-glaze system is modern and clean-looking, with a simple flat glazing stop on the interior. This style is similar to the 1-Lite panel or Rail & Stile panel from the Designer Collection, however the doorlite frames have slightly more detailing, and the glass is easier to replace if needed. Available in dual or triple pane, with SDLs (Simulated Divided Lites) and Internal Grills in select styles, and any Textured Glass if desired.



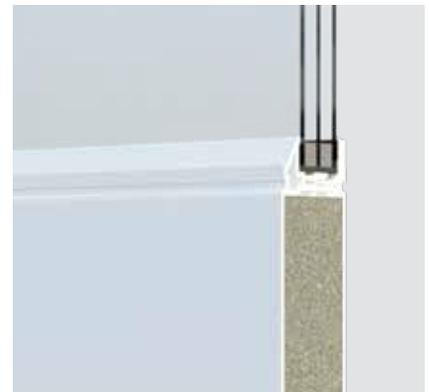
-  Any Solid Colour (see pg. 10)
-  Custom Colour matches available

**ABOVE** Series 458 Inswing French Doors with Astragal in Black, Series 458 Fixed Doors (Sidelites), Flush Glazed 42x84" Panels, Triple Pane LoE 272/180 Argon glass with 2" Flat SDLs, Narrow Perimeter, Profiled Brickmould, and Multi-Point with Lever in Black.

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**Full Lite Panel Flush Glazed**

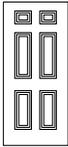


Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓	●	✓	✓	✓	✓	✓		
84"					✓	✓	✓	✓		
96"	●	●			✓	✓	✓	✓	✓	

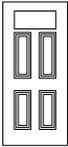
● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.



6 Panel



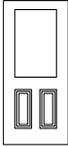
79" Door



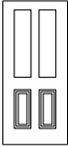
79" Door for 22 x 9" doorlite



79" Reversible Sidelite (Classic) for 8 x 36" lite



79" Door for 22 x 36" doorlite



79" Door for 8 x 36" doorlites



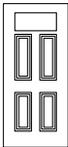
Classic embossment

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓*	✓*			✓	✓*	✓	✓*		
96"	●	●			●	●		●		

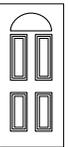
● Denotes Special Order and may have extended lead times.  
 \* Denotes that 1/2 Lite Glass is available as a flush glaze.  
 Note: Panels can often be cut down in height, but not in width.



4 Panel



79" Door for 22 x 9" doorlite



79" Door for 22 x 9" half-moon doorlite (4P only)



79" Reversible Sidelite (Classic) for 8 x 36" lite

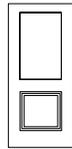


79" Door for 22 x 9" camber top doorlite

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓				✓	✓	✓		

● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.

# THE CLASSIC COLLECTION



79" Door  
for 22 x 36"  
doorlite



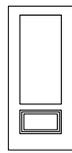
79" Reversible  
Sidelite (Classic)  
for 8 x 36" lite

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓				✓	✓	✓		
96"						✓		✓		

## 2 Panel 1/2 Lite

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

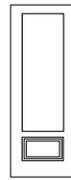
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79" Door  
for 22 x 48"  
doorlite



79"  
Reversible  
Sidelite  
(Classic)  
for 8 x 48"  
lite



95" Door  
for 22 x 64"  
doorlite



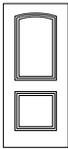
95" Sidelite  
for 7 x 64" lite

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓				✓	✓	✓		
96"		●				✓		✓		

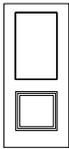
● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.



**2 Panel  
Camber Top**



79" Door



79" Door  
for 22 x 36"  
doorlite



79" Reversible  
Sidelite (Classic)  
for 8 x 36" lite



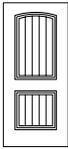
2 Panel Camber Top

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓ (Squared lite only)	✓ (Squared lite only)				✓	✓	✓		
96"						✓ (Squared top or squared lite only)		✓ (Squared top or squared lite only)		

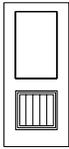
• Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.



**2 Panel  
Planked Camber Top**



79" Door



79" Door for  
22 x 36" doorlite



2 Panel Planked Camber Top

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"						✓	✓	✓		
96"						✓		✓		

• Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

# THE CLASSIC COLLECTION



## 1-Panel Shaker

79" door  
22 x 64" doorlite



Classic embossment



Shaker Embossment

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓				✓	✓	✓		

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

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## 2-Panel Shaker

79" door  
22 x 36" doorlite

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"						✓	✓	✓		

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

FIR GRAIN

Fir Grain doors exhibit a straight, long pattern in the grain. Due to the tightly spaced grain pattern, the finished stain tends to be a bit darker than others such as Oak Grain.

 Any Solid Colour (see pg. 10)  
 Custom Colour matches available for solid colours only

**Standard Stain Colours**



**1-Panel Shaker**

79" door  
 22 x 36" doorlite

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"						✓	✓	✓		

● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.



**2-Panel Shaker**

79" door  
 22 x 36" doorlite

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"						✓	✓	✓		

● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.

## THE CLASSIC COLLECTION

Oak Grain doors have a lively grain pattern that resembles the look, feel, and texture of real wood. There is a wide variety of styles and sizes. Oak Grain is a great choice to minimize the appearance of dirt or scuffs due to its busy pattern.

 Any Solid Colour (see pg. 10)  
 Custom Colour matches available for solid colours only

### Oak Grain



**ABOVE** Series 658 Outswing French Doors with Astragal in Black, Flush Glazed 32x96" Oak Grain Panels, Triple LoE 2-272 Argon Glass, and Multi-Point Modern 2x10" Plates with Stuttgart Levers in Polished Chrome.



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### Full Lite Panel

Flush Glazed

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓*	✓*			✓	✓	●	✓		
96"		●*			●*	●*		●	●*	

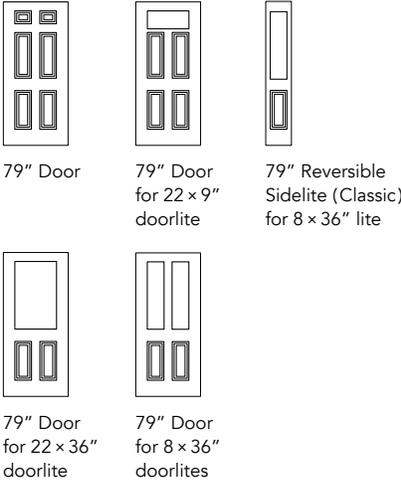
● Denotes Special Order and may have extended lead times.

\*Indicates a Flush Panel with a cut-out and sandwich frame. Flush glaze not available.

Note: Panels can often be cut down in height, but not in width.



**6 Panel**  
79"

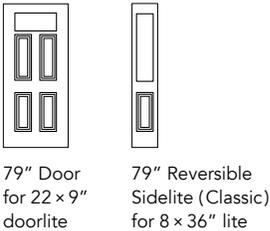


Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓				✓	✓	●		

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.



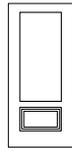
**4 Panel**  
79"



Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓				✓	✓	✓		

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

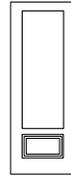
# THE CLASSIC COLLECTION



79" Door for 22 x 48" doorlite



79" Reversible Sidelite (Classic) for 8 x 48" lite



95" Door for 22 x 64" doorlite



95" Sidelite for 7 x 64" lite

## 2 Panel 3/4 Lite

79"

Heights	Widths									
	12" sidelite	14" sidelite	24"	28"	30"	32"	34"	36"	42"	48"
80"	✓	✓				✓	✓	✓		
96"	✓	✓						●		

● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.

**BELOW** Series 658 Inswing in Espresso Frame, 2-Panel 3/4 Lite 36x80 Panel and Full Lite 12x80 Fixed Sidelite in Oak Grain painted Deep Green, Channele Doorlite with Niagara Sidelite Decorative Glass, Narrow Perimeter, Double Expander and Profiled Brickmould, and Double Drilled hardware supplied by customer.



MAHOGANY GRAIN

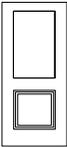
These rustic mahogany doors are produced to provide a classic charm while bringing a contemporary construction to any home entryway. Mahogany Grain doors have straight grains that run parallel or slightly interlock with each other. This creates an elegant and uniform appearance across the surface of the panel.



- Any Solid Colour (see pg. 10)
- Custom Colour matches available for solid colours only
- Any of our 5 Standard Stain Colours (see pg. 11)



**ABOVE** Rustic Mahogany 2-Panel Planked Camber Top Panel, Custom Stain and Sidelites by customer.



79" Door for 22 x 36" doorlite



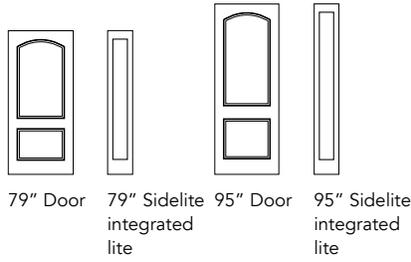
79" Sidelite integrated lite

Heights	24"	28"	30"	32"	34"	36"	42"	48"
80"						●		

**2-Panel Square Top**  
79"

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

# THE CLASSIC COLLECTION

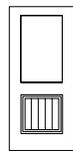


Heights	Widths	
	36"	42"
80"	●	●

**2 Panel**  
Camber Top

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

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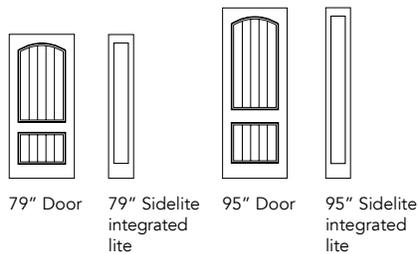


79" Door for 22 x 36" doorlite

Heights	Widths	
	36"	42"
96"	●	●

**2 Panel**  
Planked Square Top

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.



Heights	Widths	
	36"	42"
80"	●	
96"	●	●

**2 Panel**  
Planked Camber Top

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

**2 PANEL ACCESSORIES**

**Decorative hinges and nails**  
Decorative additions available for 2P camber top doors (with or without planking).



**1-Panel**  
Planked Square Top

Heights	Widths	
	36"	42"
80"	●	
96"	●	●

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.



**1-Panel**  
Planked Camber Top

Heights	Widths	
	36"	42"
96"	●	●

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.



**Full Lite**  
Sidelite

Heights	Widths	
	12" sidelite	14" sidelite
80"		✓
96"		✓

● Denotes Special Order and may have extended lead times.  
Note: Panels can often be cut down in height, but not in width.

## THE CLASSIC COLLECTION



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**ABOVE** Series 658 Inswing in Brownstone Frame with Rustic Mahogany 2-Panel Arch Plank 36x80 Panels, Left-Hand Active / Right-Hand Passive, Triple Pane LoE-272 Argon Transom and 5/8" Internal Grills, Narrow Perimeter, and Double Drilled with handles supplied by customer

# THE CRAFTSMAN COLLECTION

DUXTON WINDOWS & DOORS



**ABOVE** Series 458 Inswing in Espresso Frame, MasterGrain Craftsman 34x80 Fir Panel with Dentil Shelf in custom stain colour, Triple Pane LoE-272 Argon Glass with 3x2 SDLs, and Double Drilled Lausanne Tubular Entry Set in Oil Rubbed Bronze.

## THE CRAFTSMAN COLLECTION

With an emphasis on clean lines and simplicity, the Craftsman Collection provides a refreshing take on a timeliness classic. These shaker-style designs present simple square and rectangle shapes, with no unnecessary flourishes. Inspired by the Arts and Crafts movement, the Craftsman house inspired architect Frank Lloyd Wright. Available with many different options, including decorative glass, grills, and a dentil shelf.



The Craftsman Collection pairs well with Venting Casements or All-Glass Sidelites to add lots of natural light, even through narrow sidelites. Alternatively, choose a sidelite panel that vents (available in 14" sidelites only).



Any Solid Colour (see pg. 10). Custom Colour matches available for solid colours only

### Standard Stain Colours



Cherry Red   Cocoa   Hazelnut   Honey   Smoke   Wheat

## Standard Shaker Panels

Our Standard 3-Panel Shaker is available in either the Smooth or Fir Grain texture. The doorlite frame is clean and simple, and slightly proud of the door panel.

Available with a matching 4-block Dentil Shelf. For SDLs (Simulated Divided Lites) that are integrated into the doorlite frame, you can select from a 3x1 or 3x2 pattern.



**RIGHT** Series 458 Inswing with All Glass 9 ½ x 82" Sidelite in White, 3-Panel 34x80 Standard Shaker, Triple Pane 272 Argon Wide Reed patterned glass, Narrow Perimeter, Flat Expander, Multi-Point Lock with Large Modern Plate, and Dumont Lever in Satin Nickel



**Standard Shaker sandwich frame design**

Smooth and Fir Grain



**Smooth**

Standard 3-Panel Shaker

Heights	Widths			
	32"	34"	36"	42"
80"	✓	✓	✓	
96"			✓	✓

● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.  
 Glass insert is 22x15" in 80" panel and 25x15" in a 96" panel.



**Fir Grain**

Standard 3-Panel Shaker

Heights	Widths			
	32"	34"	36"	42"
80"	✓	✓	✓	
96"			✓	✓

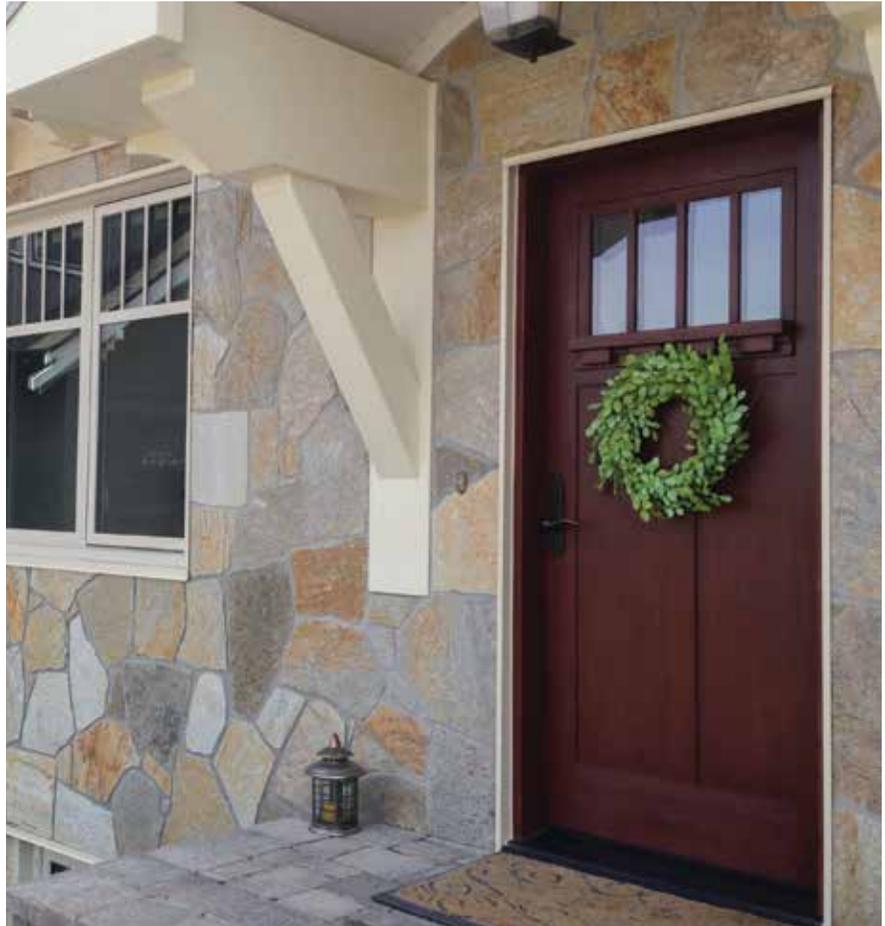
● Denotes Special Order and may have extended lead times.  
 Note: Panels can often be cut down in height, but not in width.  
 Glass insert is 22x15" in 80" panel and 25x15" in a 96" panel.

# THE CRAFTSMAN COLLECTION

## MASTERGRAIN CRAFTSMAN PANELS

Our upgraded MasterGrain 3-Panel Craftsman is available in either the Smooth or Fir Grain texture, in a wider variety of sizes. The doorlite frame has a beautiful flush detail, which means it is on the same plane as the door panel. MasterGrain's sophisticated technology and wood grain replication are unmatched, which results in a more dynamic stained finish.

Available with a matching 4-block Dentil Shelf which is integrated with the doorlite frame for improved durability. For SDLs (Simulated Divided Lites), you can select from a 2x1, 3x1, 2x2, or 3x2 pattern.



ABOVE Series 658 Inswing, MasterGrain Craftsman 32x80 Woodgrain Panel with Dentil Shelf in custom Cherry stain, Triple Pane LoE-272 Argon Glass with 4x1 SDLs, and Multi-Point 2x10 Arched Backplate with Durango Lever in Medium Bronze.

### Grill Patterns and Dentil Shelf Options

Exact details will vary depending on the style of glass and door panel selected.



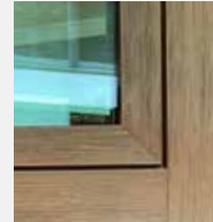
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**Fir Grain**

MasterGrain 3-Panel Craftsman

Heights	Widths			
	12" sidelite	14" sidelite	34"	36"
80"	●*	✓*	●	✓
84"	●*	●*	●	●
96"	●*	●*	●	●



**Upgraded flush glaze design**  
Smooth and Fir Grain

Select Sidelites available in Full Lite only.

● Denotes Special Order and may have extended lead times.  
Glass insert is 23 3/4x15" on 80" or 84" panels and 23 3/4x19 1/4" on 96" panels.  
\*Indicates full-glass sidelite, 8x64" on an 80" or 84" sidelite, and 8x77" on a 96" sidelite.  
Note: Panels can often be cut down in height, but not in width.



**Fir Grain**

MasterGrain 2-Panel Craftsman Sidelite

Heights	Widths	
	12" sidelite	14" sidelite
80"	●	●
84"	●	●
96"	●	●

● Denotes Special Order and may have extended lead times.  
Glass insert is 8x15" glass on 80" or 84" sidelites, and 8x19 1/4" on 96" sidelites.  
Note: Panels can often be cut down in height, but not in width.



**Smooth**

MasterGrain 3-Panel Craftsman

Heights	Widths			
	12" sidelite	14" sidelite	34"	36"
80"	●*	●*	●	●
84"	●*	●*	●	●

Matching Sidelite available in Full Lite only

● Denotes Special Order and may have extended lead times.  
Glass insert is 23 3/4x15" on 80" or 84" panels.  
\*Indicates full-glass sidelite, 8x64" on an 80" or 84" sidelite.  
Note: Panels can often be cut down in height, but not in width.

# DECORATIVE GLASS



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We offer a variety of decorative glass options! Visit Trimlite's Decorative Doorlites or Novatech's Doorglass pages online to explore the most up-to-date styles.

*Standard sizes only. Most styles are available in dual pane only.*

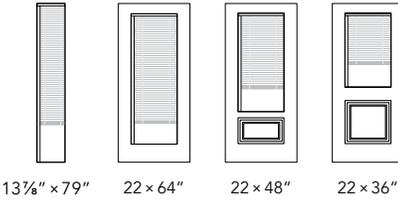
**ABOVE** Series 658 Inswing in White, Flush Oak Grain Full Lite 36x84 Panel and 658 Fixed Sidelite, Novatech Alys 22x64" Doorlite, and Multi-Point 1.5x11" Modern Backplate with Cimarron Lever in Flat Black.

# DECO PRACTICO DOOR GLASS

## Discretion

The integrated aluminum mini-blinds are a time tested classic. Discretion is an easy to operate and highly durable product. It is a great way to let light in during the day while ensuring absolute privacy at any moment. Novatech's mini-blinds are now available in two colours in order to suit any décor.

- Integrated mini-blinds
- White aluminum mini-blinds
- Satin grey aluminum mini-blinds



**💡 DESIGN TIP:**

Triple pane available in select styles.



### Integrated White Mini-blinds

Discretion white mini-blinds make a great pair with a simple white door. This configuration will blend in with any décor.

### Integrated Satin Grey Mini-blinds

Built-in satin grey blinds are now a brilliant match for a contemporary style. Pairing the grey mini-blinds with a coloured door will make this configuration a focal point of your décor. Pair with black door for a more refined, timeless look.

← → adjust blind rotation



### Discretion (white)

FRAME		C	N
DOORGLASS			
22" x 64"	04-057-060-	012	007
20" x 64"	04-057-038-	012	003
22" x 48"	04-057-057-	012	004
22" x 36"	04-057-050-	016	008
13 7/8" x 79"	04-057-211-		001

### Discretion (satin grey)

FRAME		C	N
DOORGLASS			
22" x 64"	04-351-060-	002	001
20" x 64"	04-351-038-	002	001
22" x 48"	04-351-057-	002	001
22" x 36"	04-351-050-	002	001
13 7/8" x 79"	04-351-211-		001

FRAMES: C = CONTEMPORARY, N = NOVA PVC

## RESIDENTIAL WARRANTY

The strength of pultruded fiberglass leads to a high level of confidence backed by a **Limited 20 Year Warranty** on the frame and a Limited 20 Years on Cardinal Insulating Glass for single family (10 Years for other applications) or a Limited 10 Years on Decorative Doorglass.

To see full warranty details, visit [duxtonwindows.com/resources](http://duxtonwindows.com/resources).



**ABOVE** Series 458 Inswing in Charcoal with Smooth 36x96 Left Offset Lite Panel, Triple Pane Argon Glass, 350 Panning, and Multi-Point Lock with 2x10" Plate and Hercules Lever in Satin Nickel.

## TECHNICAL DATA

### NAFS Performance Ratings

FiberWall™ Swinging Doors - Series 458/658

Conform to AAMA/WDMA/CSA101/I.S.2/A440-08 & CSA A440S1-09



To learn more about insulating glass, visit [duxtonwindows.com/insulating-glass](http://duxtonwindows.com/insulating-glass) or find more performance charts at [duxtonwindows.com/resources](http://duxtonwindows.com/resources)

Product	Class	Pg	Size Tested	Positive / Negative Dp	Water Test Pressure	Cdn Air Infil / Exfil	Forced Entry Resist.
<b>INSWING</b>							
Single 79" Door	R	40	112" x 82"	1920 / 2160 Pa	290 Pa	A3	Pass
Single 79" Door with custom Articulating Sill	R	40	112" x 82"	1920 / 2160 Pa	330 Pa	A3	Pass
Single 95" Door	R	30	112" x 98"	1680 / 1920 Pa	220 Pa	A3	Pass
Single 95" Door with custom Articulating Sill	R	35	112" x 98"	1680 / 1920 Pa	260 Pa	A3	Pass
Double 79" Door	R	30	74" x 82"	2400 / 2400 Pa	220 Pa	A3	Pass
Double 79" Door with custom Articulating Sill	R	45	74" x 82"	2400 / 2400 Pa	330 Pa	A3	Pass
Double 95" Door	R	20	74" x 98"	1680 / 1680 Pa	150 Pa	A3	Pass
Double 95" Door with custom Articulating Sill	R	35	74" x 98"	1680 / 1680 Pa	260 Pa	A3	Pass
<b>OUTSWING</b>							
Single 79" Door	R	40	112" x 81"	2160 / 1920 Pa	470 Pa	A3	Pass
Single 95" Door	R	35	112" x 97"	1920 / 1680 Pa	580 Pa	A3	Pass
Double 79" Door	R	50	74" x 81"	2400 / 2400 Pa	440 Pa	A3	Pass
Double 95" Door	R	35	74" x 98"	1920 / 1680 Pa	440 Pa	A3	Pass

Information is gleaned from best available industry sources. The reader is cautioned that values should be used for comparison purposes only. Results are size and installation dependent. In-service performance can be significantly different from those shown. Product tested indicates design potential.

#### Notes

(1) All single doors have been tested with sidelites.

(2) All inswing and outswing doors are manufactured with a standard low profile adjustable sill unless otherwise specified.

# THERMAL PERFORMANCE

## SERIES 658 - Swinging Door - Inswing

Slab / Glass Type	LoE Type	LoE Surface	Gas Fill	Centre-of-Glass				Overall Door		Energy Star	
				R-Value	U-Value (imperial)	Heat Gain	Visible Light	U-Value (imperial)	U-Value (metric)	Energy Rating	Energy Star Efficiency
<b>OPAQUE</b>											
Opaque	None	N/A	N/A	-	-	0.01	0%	0.14	0.79	23	●
<b>HALF LITE</b>											
Dual	Cardinal LoE-180	3	Argon	3.85	0.26	0.68	79%	0.23	1.31	-	○
Dual	Cardinal LoE-272	3	Argon	4.00	0.25	0.41	72%	0.23	1.31	-	○
Dual	Cardinal LoE-366	3	Argon	4.17	0.24	0.27	65%	0.22	1.25	-	○
Triple 1 Coating	Cardinal LoE-180	5	Argon	5.56	0.18	0.61	73%	0.20	1.14	23	●
Triple 1 Coating	Cardinal LoE-272	2	Argon	5.26	0.19	0.38	66%	0.20	1.14	20	●
Triple 1 Coating	Cardinal LoE-366	2	Argon	5.56	0.18	0.25	59%	0.20	1.14	18	●
Triple 2 Coatings	Cardinal LoE-180 / 180	2 and 5	Argon	7.69	0.13	0.56	70%	0.19	1.08	24	●
Triple 2 Coatings	Cardinal LoE-272 / 180	2 and 5	Argon	7.69	0.13	0.37	63%	0.19	1.08	21	●
Triple 2 Coatings	Cardinal LoE-272 / 272	2 and 5	Argon	7.69	0.13	0.35	58%	0.19	1.08	21	●
Triple 2 Coatings	Cardinal LoE-366 / 180	2 and 5	Argon	7.69	0.13	0.24	57%	0.19	1.08	20	●
Triple 2 Coatings	Cardinal LoE-366 / 366	2 and 5	Argon	8.33	0.12	0.24	47%	0.19	1.08	20	●
<b>FULL LITE - FLUSH GLAZE</b>											
Dual	Cardinal LoE-180	3	Argon	3.85	0.26	0.68	79%	0.24	1.36	-	○
Dual	Cardinal LoE-272	3	Argon	4.00	0.25	0.41	72%	0.24	1.36	-	○
Dual	Cardinal LoE-366	3	Argon	4.17	0.24	0.27	65%	0.24	1.36	-	○
Triple 1 Coating	Cardinal LoE-180	5	Argon	5.56	0.18	0.61	73%	0.24	1.36	-	○
Triple 1 Coating	Cardinal LoE-272	2	Argon	5.26	0.19	0.38	66%	0.24	1.36	-	○
Triple 1 Coating	Cardinal LoE-366	2	Argon	5.56	0.18	0.25	59%	0.24	1.36	-	○
Triple 2 Coatings	Cardinal LoE-180 / 180	2 and 5	Argon	7.69	0.13	0.56	70%	0.22	1.25	-	○
Triple 2 Coatings	Cardinal LoE-272 / 180	2 and 5	Argon	7.69	0.13	0.37	63%	0.22	1.25	-	○
Triple 2 Coatings	Cardinal LoE-272 / 272	2 and 5	Argon	7.69	0.13	0.35	58%	0.22	1.25	-	○
Triple 2 Coatings	Cardinal LoE-366 / 180	2 and 5	Argon	7.69	0.13	0.24	57%	0.22	1.25	-	○
Triple 2 Coatings	Cardinal LoE-366 / 366	2 and 5	Argon	8.33	0.12	0.24	47%	0.22	1.25	-	○
<b>FULL LITE - DUXTON SANDWICH FRAME</b>											
Triple 1 Coating	Cardinal LoE-180	5	Argon	5.56	0.18	0.61	73%	0.23	1.31	-	○
Triple 1 Coating	Cardinal LoE-272	2	Argon	5.26	0.19	0.38	66%	0.23	1.31	-	○
Triple 1 Coating	Cardinal LoE-366	2	Argon	5.56	0.18	0.25	59%	0.22	1.25	-	○
Triple 2 Coatings	Cardinal LoE-180 / 180	2 and 5	Argon	7.69	0.13	0.56	70%	0.20	1.14	29	●
Triple 2 Coatings	Cardinal LoE-272 / 180	2 and 5	Argon	7.69	0.13	0.37	63%	0.20	1.14	24	●
Triple 2 Coatings	Cardinal LoE-272 / 272	2 and 5	Argon	7.69	0.13	0.35	58%	0.20	1.14	24	●
Triple 2 Coatings	Cardinal LoE-366 / 180	2 and 5	Argon	7.69	0.13	0.24	57%	0.20	1.14	21	●
Triple 2 Coatings	Cardinal LoE-366 / 366	2 and 5	Argon	8.33	0.12	0.24	47%	0.20	1.14	21	●

Information is gleaned from best available industry sources. The reader is cautioned that values should be used for comparison purposes only. Results are size and installation dependent. In-service performance can be significantly different from those shown. Product tested indicates design potential.

### Notes

(1) 2-Pane Cardinal IG unit calculations based on 2 lites of 1/8" (3 mm) glass and 1/2" (13 mm) airspace. (2) 3-Pane Cardinal IG unit calculations based on: Half Lite / Full Lite Flush Glaze: 3 lites of 1/8" (3 mm) glass and two 1/4" (8 mm) airspaces. Full Lite Duxton Sandwich Frame: 3 lites of 1/8" (3mm) glass and two 5/8" (16 mm) airspaces. (3) Calculations for argon filled unit made with 90% Argon/10% air. (4) NFRC Environmental Conditions used for all values. (5) Chart indicating Energy Star Canada efficiency designation:

● ENERGY STAR ○ Not Applicable. Note: Energy Star does not have a "Most Efficient" category for swinging doors.



Values updated August 2023.

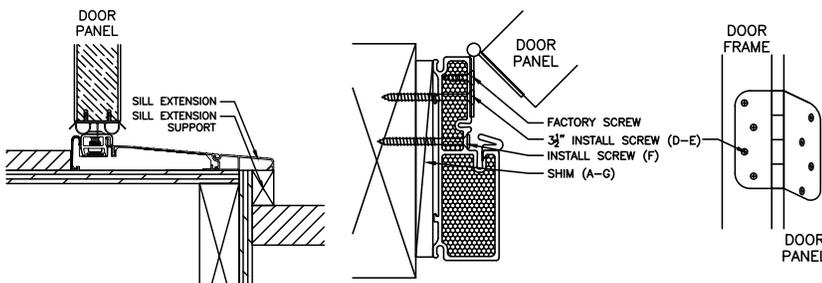
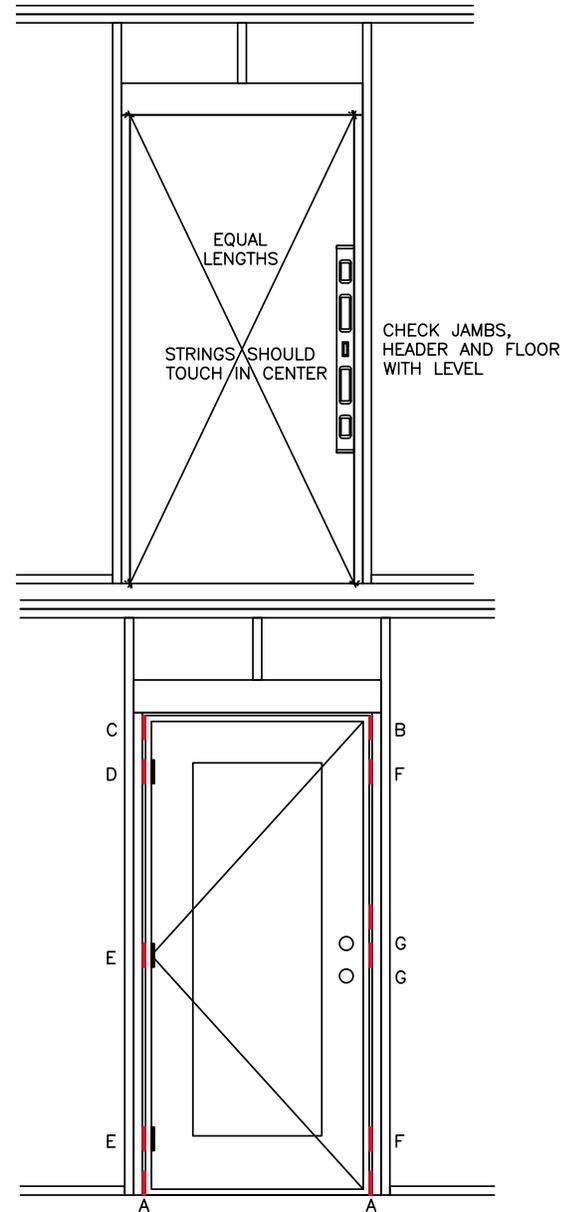
# SWINGING DOOR INSTALLATION GUIDELINE

## Check & prepare opening

- Rough opening should measure frame height plus ½" and frame width to 1".
- Use level to ensure framing/walls are plumb.
- "String test" to ensure walls are on same plane.
- Sill should be level, solid & clean.

## Installation tips

- Measure frame diagonally on both sides to ensure frame is square.
- Push door frame all the way into rough opening - no gaps behind nailing fin.
- Ensure door is square, level and plumb.
- No shims beneath door. Apply silicone to rough sill & set door directly on beads.
- Letters A - G diagram on right show shim sequence:
  - (D & E) - remove a factory screw from each hinge and replace with a 3" screw to fasten into stud.
  - (F) drive screw through the frame behind weatherstrip into stud.
  - (G) drive screw through the strike plate into stud.
- Inswing doors - adjust sill height for 20-30% compression of sweep: tighten screws to raise; Loosen to lower.
- Hinged off a sidelite: drive lag bolts into predrilled holes. Ensure panel has 1/8" gap all sides. Install glazing stops.
- Hinge screws must be fastened into structural framing such as dimensional lumber or steel.



**WARNING:** Do not use scrapers for cleaning glass. Glass scratched by a scraper is not covered under the DUXTON Windows & Doors warranty. Do not clean glass when it is exposed to direct sunlight.

\* This guideline is to assist trained & experienced installers and is not complete. Installer is responsible for ensuring door is functional and installation complies with local codes.

## PRO TIP

Installation is critical to the functioning of a swinging door! Having the door frame truly plumb, level, and square will ensure that the door operates smoothly and seals consistently on all sides. Check the door frame thoroughly and insert the 3 1/2" long screws through the hinges before applying spray foam and finishing the exterior/interior. Small deviations in how the frame is sitting in the rough opening, particularly if it's out of plumb, will be exaggerated in the panel.



**ABOVE** Series 458 Inswing in Black with Smooth 2-Panel 3/4 Lite Custom Cut-Out in 36x80, Triple Pane LoE-272 Argon Glass with 7/8" Profiled SDLs, Narrow Perimeter, Flat Expander, and Double Drilled with hardware supplier by customer.

**FRONT COVER**

Series 458 Inswing in Black Frame with 6-Lite 36x80 Custom Red "Coca Cola" Panel, 23 ¾ x 5 13/16" Triple Pane 366/180 Argon Glass, 250 Panning, and Multipoint Lock with Medium Pull in Stainless Steel

Credits: The House Company



45 HIGGINS AVENUE WINNIPEG, MANITOBA, CANADA R3B 0A8

PH: 204.339.6456 FX: 204.334.1800

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