

TrueOak Series



TrueOak Series Windows

If you envision a home design that harmoniously combines the elegance of a forest with the boldness of urban architecture, or if you seek to experience the lively energy of the jungle amidst the cityscape, this series offers the ideal wooden window. It will seamlessly integrate into your space, becoming a natural extension of your home.

What is TrueOak?

TrueOak windows represent high-performance systems that seamlessly combine premium solid wood interiors with robust aluminum exteriors, creating a perfect balance of natural warmth and lasting elegance.



Solid Wood Interior

Matching with a wooden indoor aesthetic atmosphere, and excellent energy saving ability.

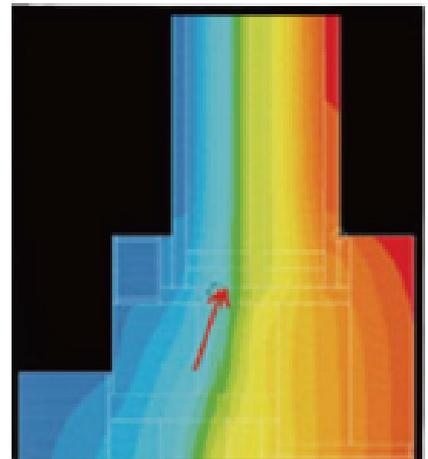
Aluminum Exterior

Providing anti-corrosion, water-proof and moisture-proof.

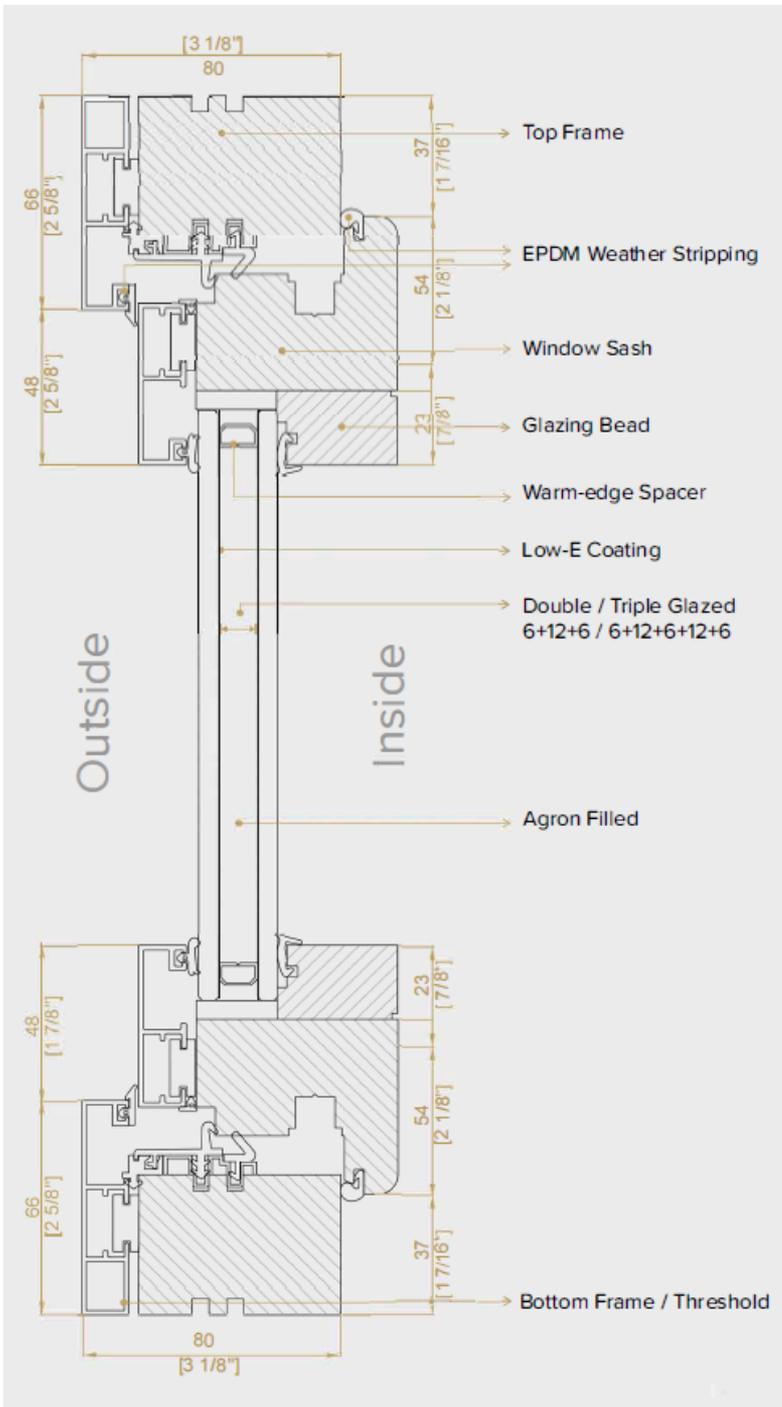
Advantages of TrueOak

Low U Values | Long Life Cycle

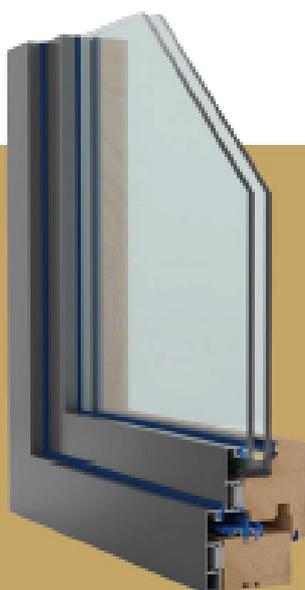
Combining the enduring beauty of wood with the robust protection of aluminum, our TrueOak wood windows deliver both elegance and performance. The inviting wood interior enriches your décor, while the aluminum exterior provides durable, low-maintenance weather resistance. Engineered for energy efficiency, sound insulation, and security, these windows harmoniously blend style and function, enhancing your space for years to come.



Product Features



Experience the perfect blend of versatility and elegance with our tilt-turn windows. These windows are designed to tilt for gentle ventilation or swing open for complete access, merging modern functionality with a sleek, space-saving design that complements any home.



| Glazing options | Double-pane | | Triple-pane | |
|---------------------|-------------|-------------|-------------|-------------|
| | U-Value | SHGC | U-Value | SHGC |
| Picture window: | 0.27 | 0.23 | 0.17 | 0.16 |
| Tilt & turn window: | 0.26 | 0.19 | 0.22 | 0.18 |

Aluminum thickness: **1.5mm**

Visible width sash : **3"** (inside) / **1 7/8"** (outside)

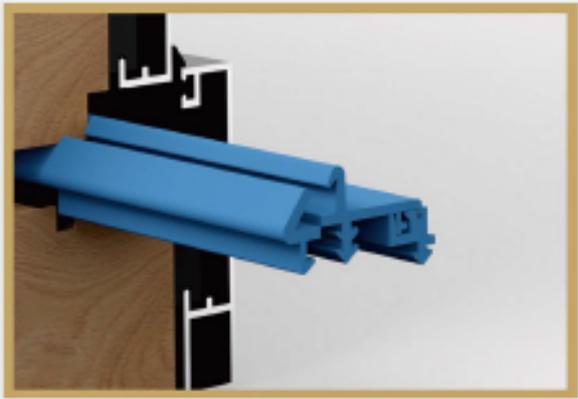
Visible width frame : **1 7/16"** (inside) / **2 5/8"** (outside)

Structure depth: **3 1/8"**



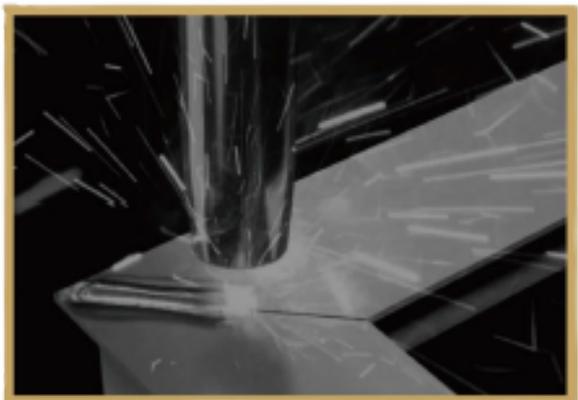
Three-Layer Finger-Jointed Laminated Timber

Three-layer finger-jointed laminated timber is an exceptional option for contemporary wood products. It offers a harmonious blend of stability, strength, sustainability, and affordability, making it especially ideal for doors and windows that demand high dimensional stability.



EPDM Rubber Gasket + EPDM Foam Co-Extrusion

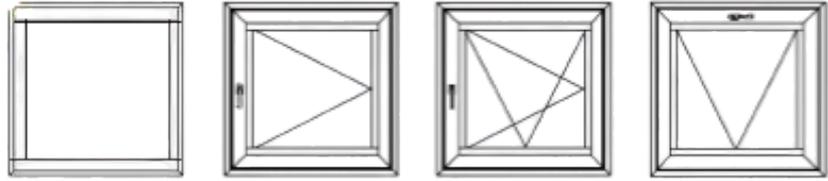
The co-extruded, seamless EPDM weatherstripping system offers exceptional durability and sealing capabilities. Its foam-rubber composition effectively prevents air exchange, while seamless welding eliminates corner leakage, making it an essential solution for high-performance windows and doors.



Integral Welding

The exterior corners and joint components of aluminum alloy windows and doors are fully integrated through welding. This process effectively removes the risk of water seepage caused by gaps.

Swing Options



Fixed window Inswing casement Tilt turn Tilt

For use as an emergency egress window:

The sash width must be a minimum of 2 feet 3 inches, while the sash height should be at least 3 feet 3 and 3/8 inches. Please note that top-hung and single inward-tilt windows are not allowed for emergency egress.



Dimension limits

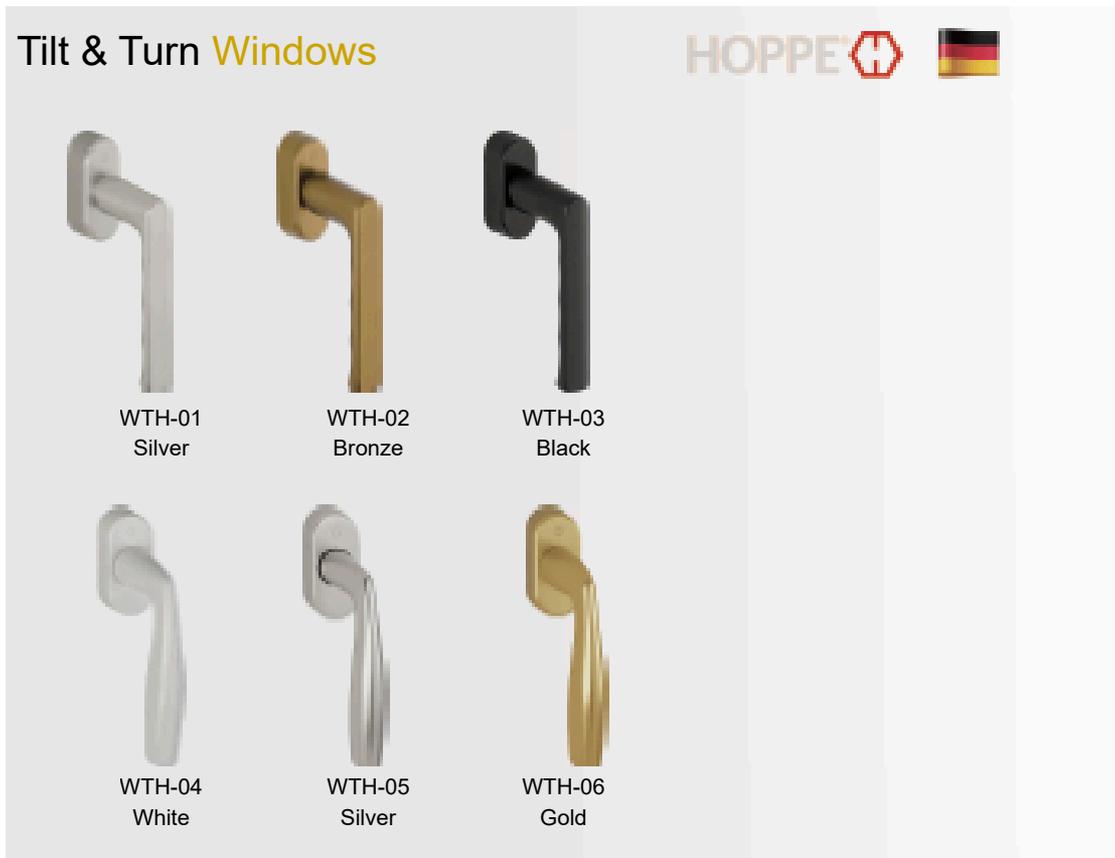
Dimension limits vary by operating type. The dimensions provided here are specific to tilt & turn windows and are for reference only.

Tilt & Turn Windows

| | | |
|---------------|---------------------|---------------------|
| Single window | $2' \leq W \leq 5'$ | $2' \leq H \leq 7'$ |
| French window | $4' \leq W \leq 6'$ | $2' \leq H \leq 7'$ |

These dimensions represent the theoretical sizes of double-glazed windows, which align with the hardware's load-bearing limits. For specific size ranges based on glass specifications, please consult your sales representative.

HARDWARE AND HANDLE OPTIONS



The Multi-Point Locks

A multi-point lock secures your door by engaging several bolts with the frame at once, which evenly compresses the perimeter seal (such as EPDM) to improve both security and weather resistance. Each lock point can support up to 400 lbs.



Multi-Point Lock



Tilt-In Hardware

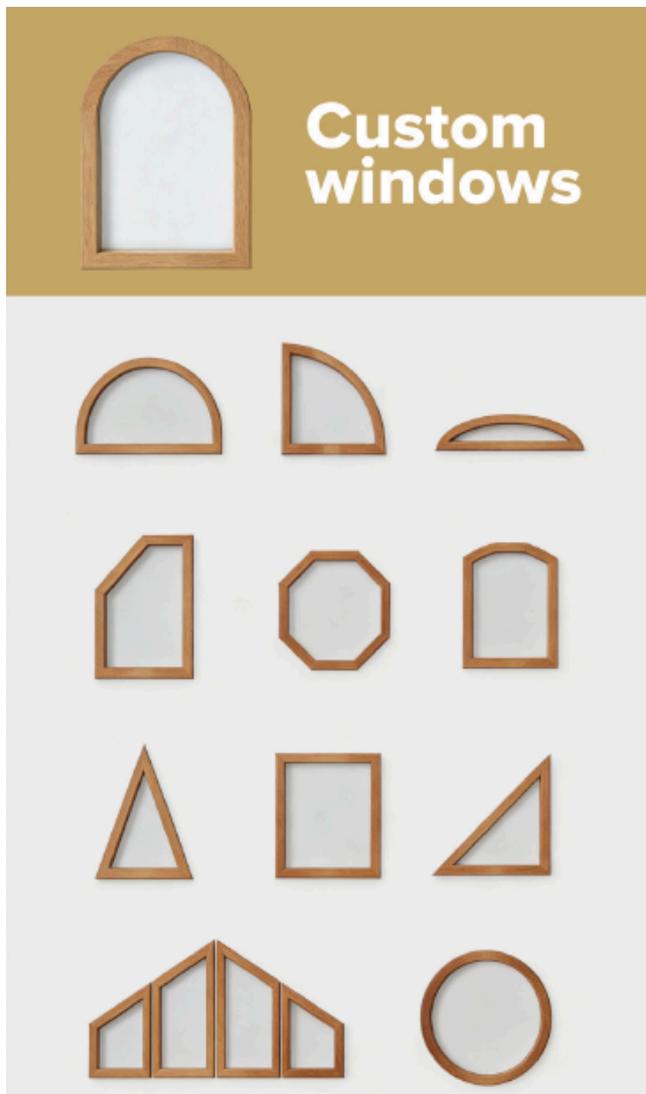
Window Screen Options



Casement Security
Screen

Fixed Frame with a
Removable Screen

Retractable
Screen



Specialty Shapes

Shaped windows come in a wide array of geometric designs, tailored to enhance the uniqueness of any window style. Numerous options are available as operating windows, allowing for fresh air while also delivering distinctive visual appeal.

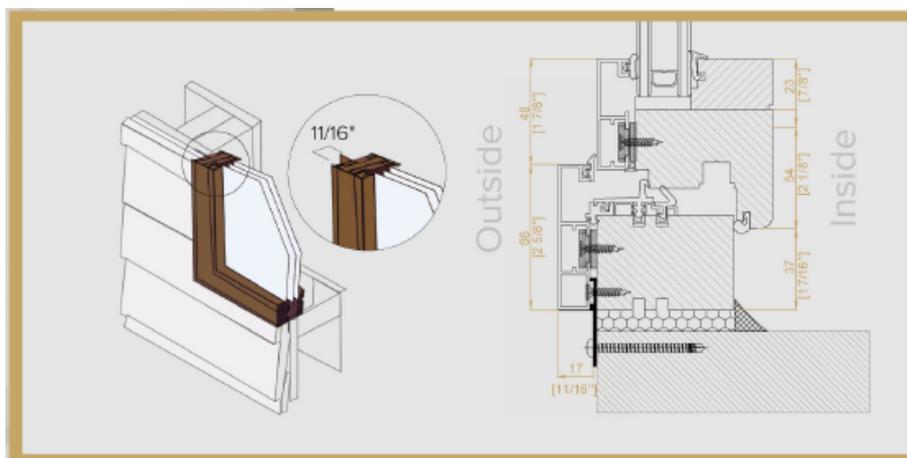
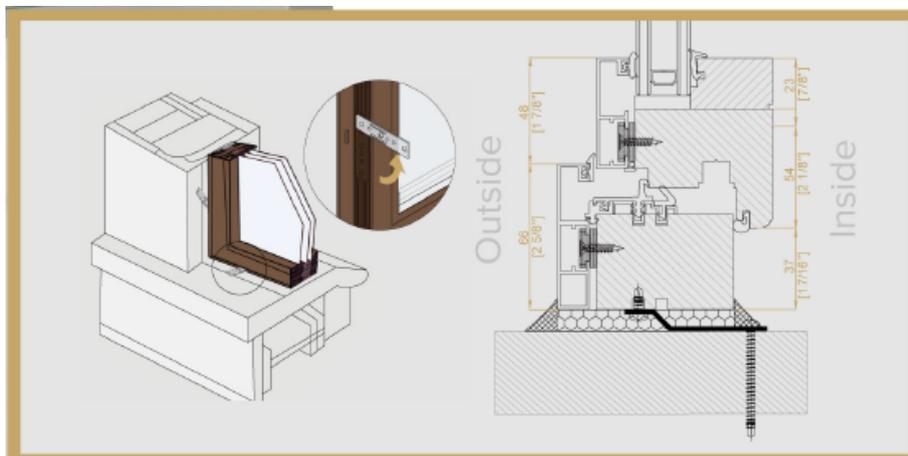
Thanks to the remarkable versatility of wood, windows can be crafted in a variety of customized shapes, including arches.



Installation Methods

Important Note

A minimum clearance of 3/8" (10mm) between the finish material and the sides of the opening sash is essential. This ensures that the sash does not come into contact with the finish material, which could interfere with the proper operation of the window.



Metal Straps

The metal straps, crafted from robust galvanized steel, are securely fastened to the frame of the window or door.

This design enables straightforward replacement from the interior and is suitable for both new construction and renovations.

They offer the versatility to install the window or door at any position within the wall cavity.

Designed For New Construction

The integrated nailing flange simplifies installation into new openings and ensures that the windows remain weathertight.

Compatible with Various Claddings:

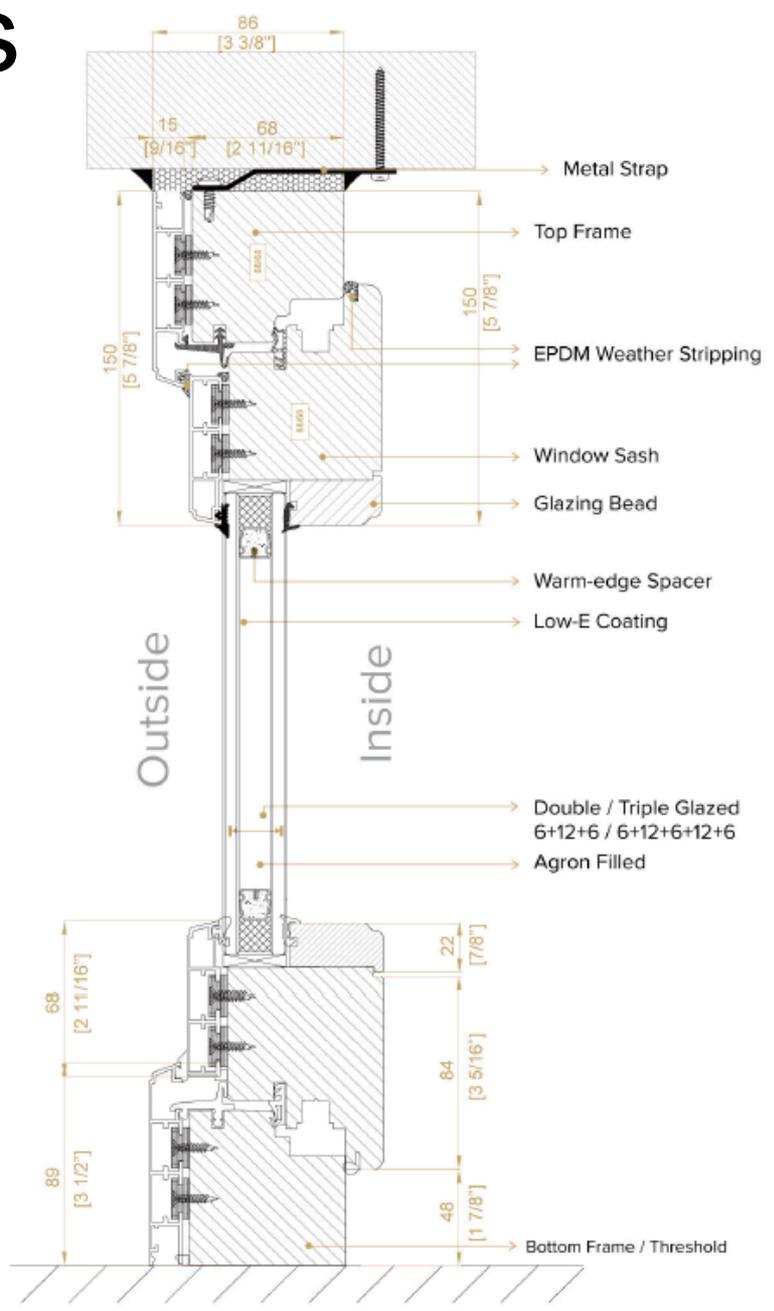
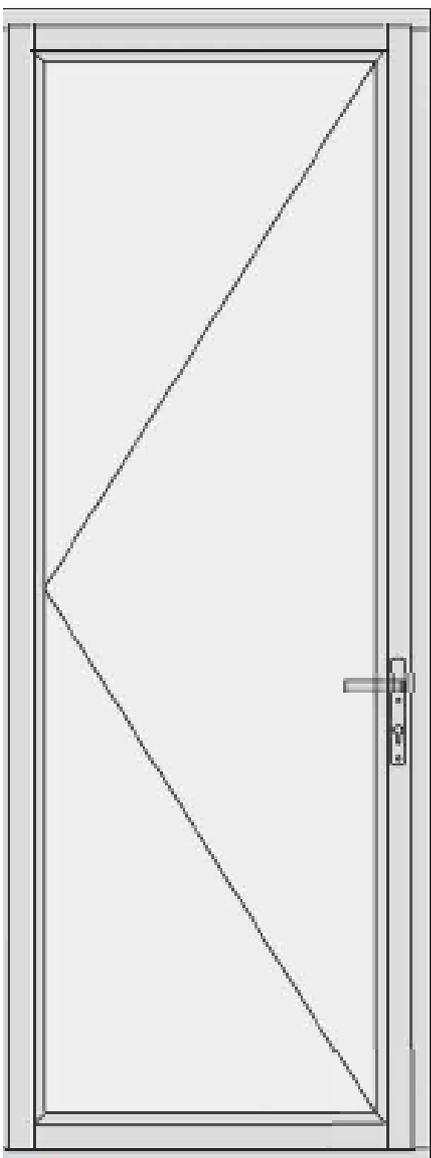
This flange system is designed to work seamlessly with:

- Siding (vinyl, wood, fiber cement)
- Stucco
- Particularly brick veneer, where establishing an effective weep system is essential.

TrueOak Series

Door-Inswing

Beyond their stunning design, our wood swing doors are crafted to deliver outstanding energy efficiency and soundproofing features. With state-of-the-art sealing and insulation technologies, these doors contribute to a cozy indoor atmosphere while minimizing energy usage.



Aluminum thickness: **1.5mm**

Visible width sash : **4 1/4"** (Inside) / **2 11/16"** (Outside)

Visible width frame : **1 7/8"** (Inside) / **3 1/2"** (Outside)

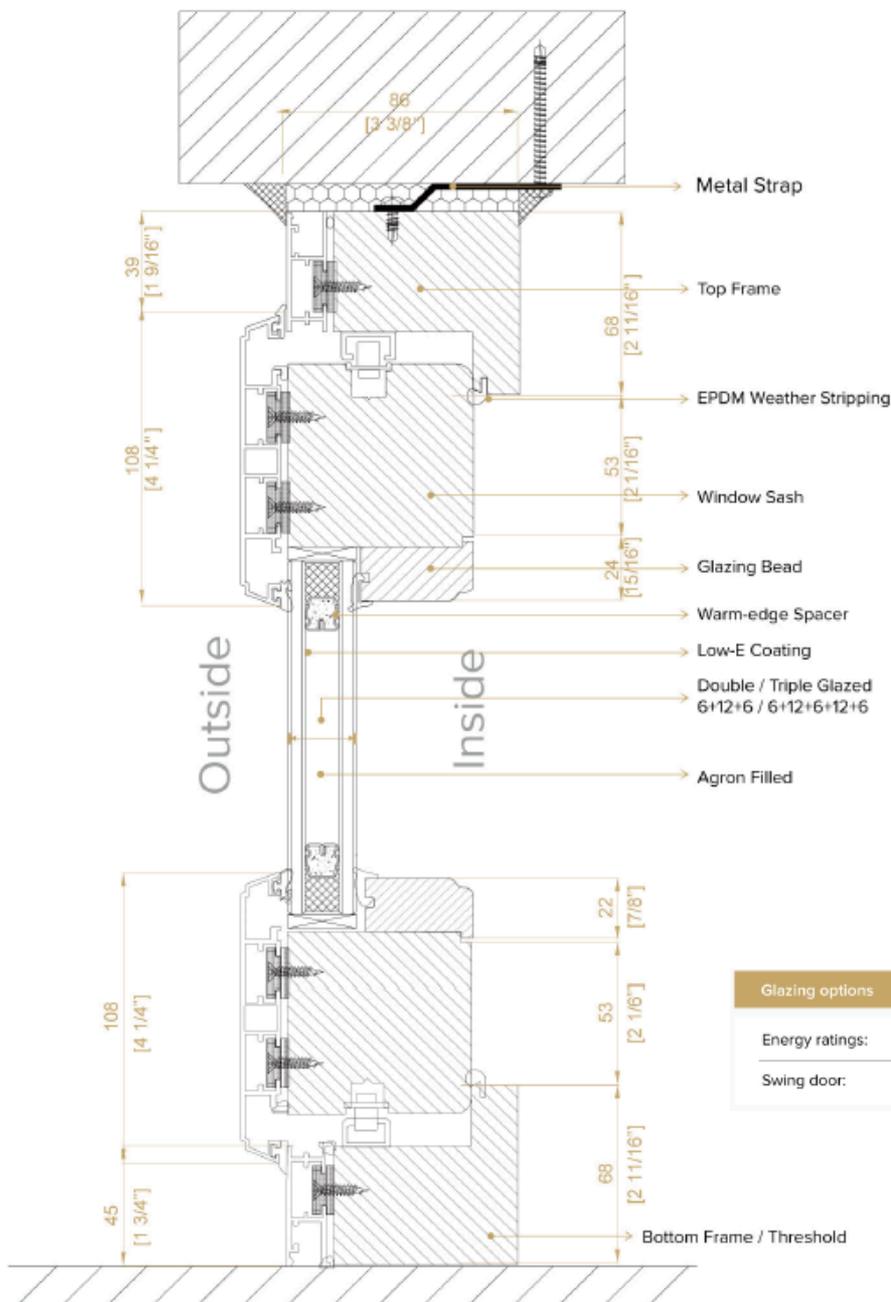
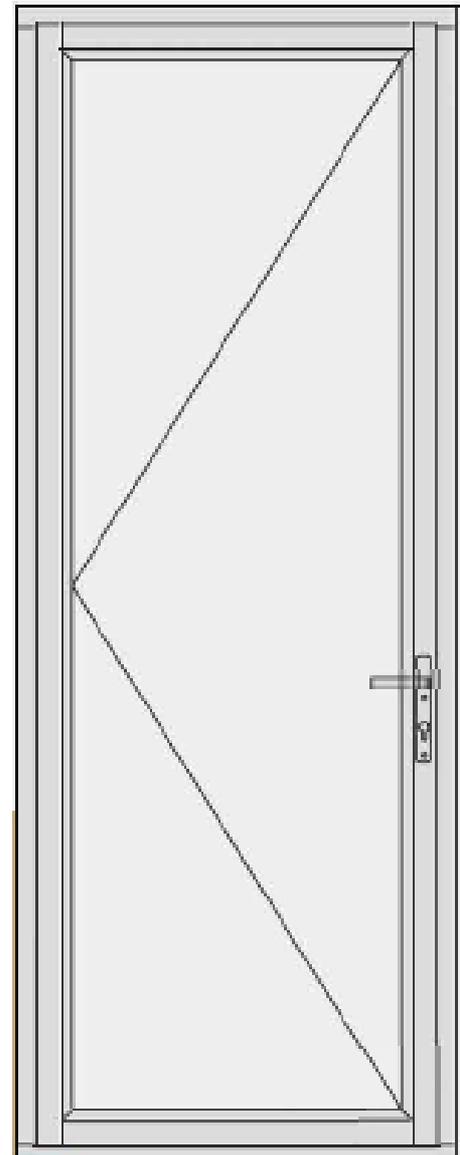
Structure depth: **3 3/8"**

| Glazing options | Double-pane | | Triple-pane | |
|-----------------|-------------|-------------|-------------|-------------|
| Energy ratings: | U-Value | SHGC | U-Value | SHGC |
| Swing door: | 0.26 | 0.19 | 0.22 | 0.18 |

TrueOak Series

Door-Outswing

Beyond their stunning design, our wood swing doors are crafted to deliver outstanding energy efficiency and soundproofing features. With state-of-the-art sealing and insulation technologies, these doors contribute to a cozy indoor atmosphere while minimizing energy usage.



Aluminum thickness: **1.5mm**

Visible width sash : **3 1/16"** (Inside) / **4 1/4"** (Outside)

Visible width frame : **2 11/16"**(Inside) / **1 3/4"** (Outside)

Structure depth: **3 3/8"**

Glazing options

Double-pane

Triple-pane

Energy ratings:

U-Value

SHGC

U-Value

SHGC

Swing door:

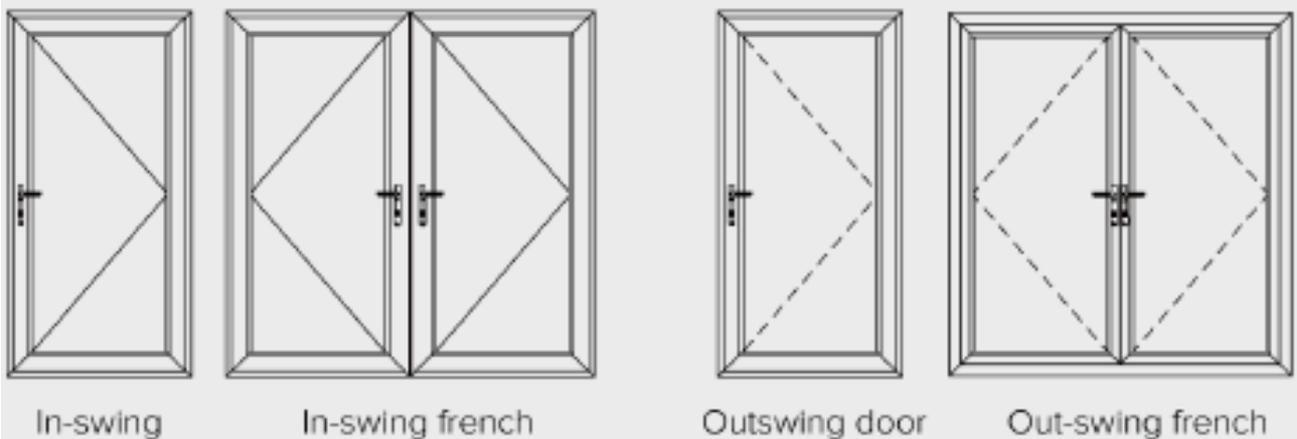
0.26

0.19

0.22

0.18

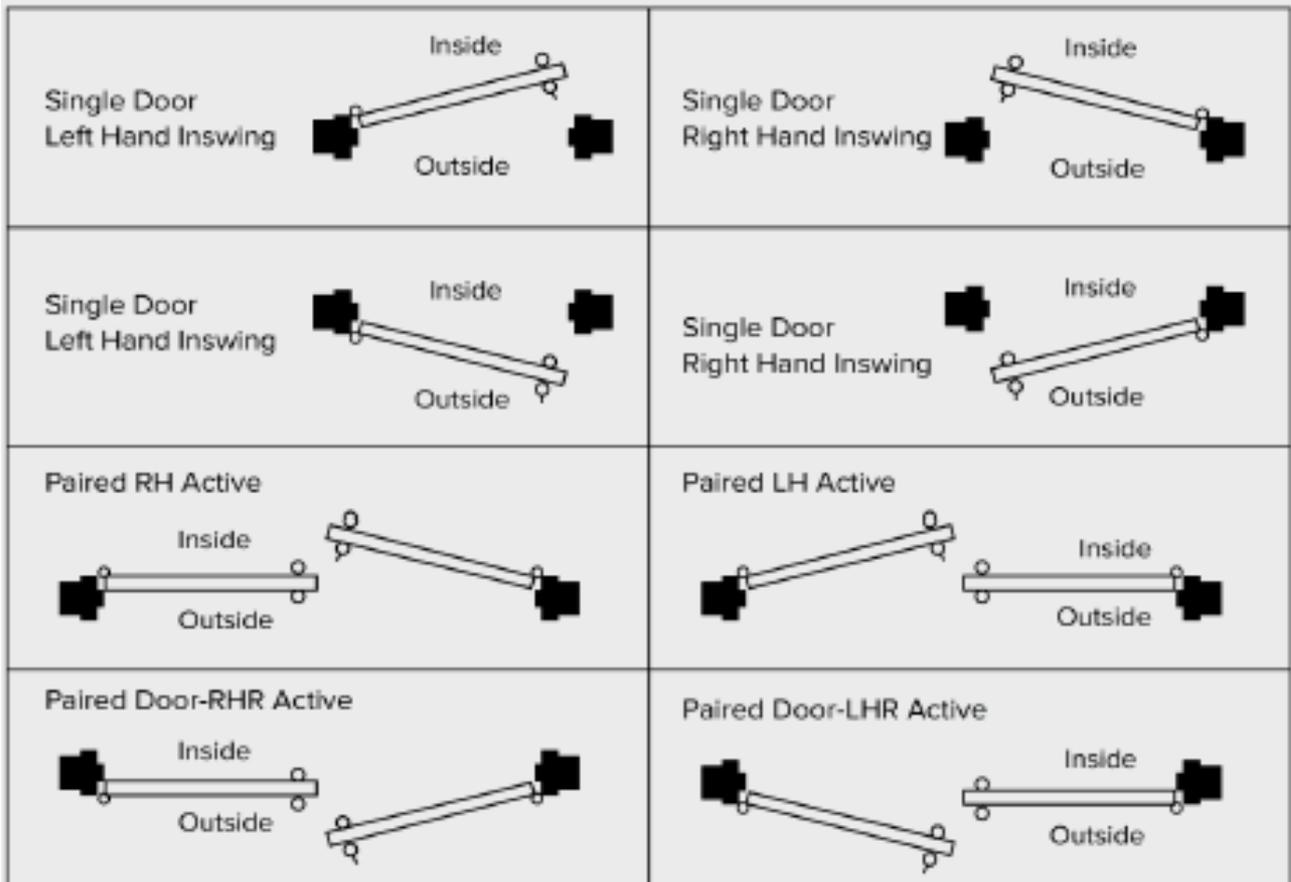
Door Swing Options



Limit dimensions

| | | |
|-------------|---------------------------|---------------------|
| Single Door | $2' \leq W \leq 3'-1/2''$ | $6' \leq H \leq 9'$ |
| French Door | $4' \leq W \leq 7'$ | $6' \leq H \leq 9'$ |

Standard door handing chart



Indicates entry or keyed side of door (Active door of pair) →

Hardware and Handle Options



Hinged & French Door



HH-01
Silver



HH-02
Bronze



HH-03
Black



HR-01
White



HR-02
Black

Adjustable Hinge

There are two types of adjustable hinges to choose from: the two-part butt hinge and the screw-on hinge. Standard on swinging doors, these adjustable hinges allow for easy fine-tuning of the fit throughout the door's lifespan.

Both Hinges: Offer adjustability for a perfect fit.

Screw-On Hinge: Specifically designed for larger and heavier doors, it can support weights of up to 352.74 lb.

The Screw-On Hinge



Two-Part Butt Hinge

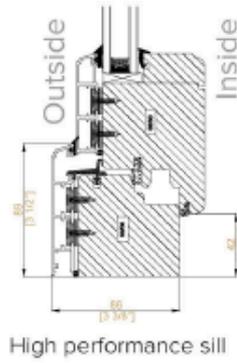
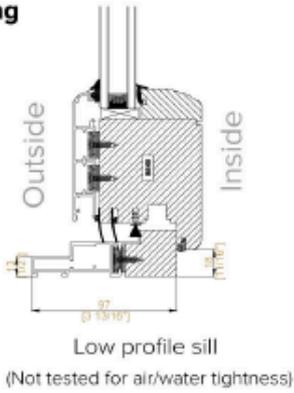
Multi-Point Locking System

- The door is securely fastened at three points with concealed stainless steel head and foot bolts.
- You can opt for either a keyed or non-keyed lever handle.

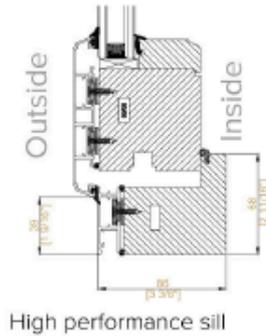
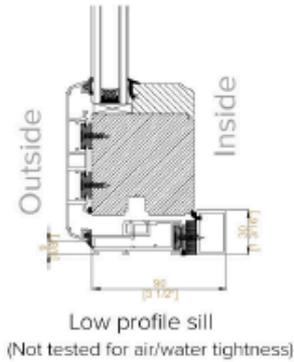
The multi-point lock is included as a standard feature.

Threshold Options

Inswing



Outswing



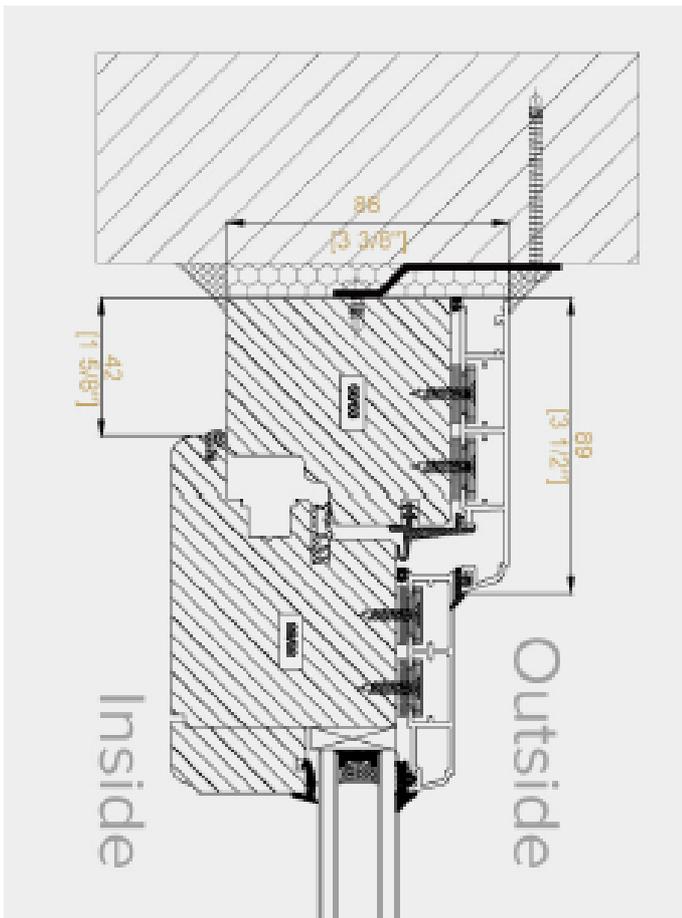
Door Screen Options



Hinged Screen Door



Trackless Retractable Screen Door



Installation Method

Metal Straps

The metal straps, crafted from sturdy galvanized steel, are securely fastened to the frame of the window or door.

They enable easy replacement from the interior and are suitable for both new constructions and replacements. This design offers the versatility to install the window or door at any point within the wall cavity.

Wood Options



North American Red Oak

This wood features a dense grain, remarkable hardness and strength, along with exceptional wear resistance. Its surface grain is fine and tight, making it ideal for open-grain or semi-open-grain finishes. However, attaining a smooth, fully closed finish is quite challenging and often ineffective; thus, it is not advisable for uses that require a sealed, non-porous painted surface.

North American Cherry

As a premium-grade hardwood, it boasts exceptional dimensional stability, stunning grain patterns, and superior capabilities for nail-holding, glue adhesion, and polishability. With no notable drawbacks, it is regarded as a top-tier material.

Russian Larch

Recognized for its excellent thermal insulation characteristics and stable wood structure, it possesses a relatively softer hardness along with a bold, distinctive grain. This makes it ideal for achieving a completely closed, smooth painted finish.

Wood Stain Options or Choose any Sherwin Williams Color



Red Oak
JH-04



Red Oak
JH-03



Red Oak
JH-02



Red Oak
JH-01



Red Oak
JH-09



Red Oak
JH-08



Red Oak
JH-06



Red Oak
JH-05



Red Oak
JH-10



Red Oak
JH-11



Red Oak
JH-12



Red Oak
JH-13



Red Oak
JY-31



Red Oak
JY-32



Red Oak
JY-33



Red Oak
JY-34

Color Options

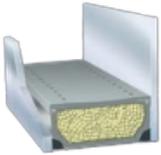
Color is not just an aesthetic detail; it plays a vital role in a comprehensive fenestration solution. Our thoughtfully designed color system is created to integrate effortlessly with a variety of architectural materials and styles. You can choose from over 200 RAL K7 colors.



Aluminum Colors for
Interior and Exterior

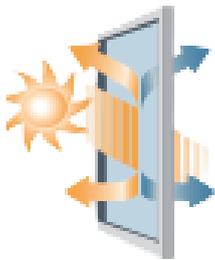


Ultra-Clear Glass



+Warm Edge

Technoform Bautec warm edge spacer technology minimizes thermal bridges and brings a higher thermal insulation effect.



Low-E Silver Coating

Low-E (low emissivity) coated glass is designed with a thin layer of metallic oxide applied to the glass surface. This coating helps to control heat transfer by reflecting infrared light while allowing visible light to pass through. Low-E coated glass creates more comfortable indoor environments and reduces energy costs associated with heating and cooling.



Tempered Glass

Tempered glass undergoes heat treatment to improve its strength and safety features. It is roughly 4 to 5 times stronger than standard glass of the same thickness. When shattered, it breaks into small, relatively harmless pieces rather than sharp shards, which makes it an excellent choice for spaces that need heightened safety, such as doors, shower enclosures, and large windows.



Laminated Glass

Laminated glass is composed of layers that are bonded together with a polyvinyl butyral (PVB) interlayer. This design provides safety benefits by keeping the glass intact when shattered, while also offering sound insulation and UV protection. It is particularly well-suited for applications that require improved safety, noise reduction, and resistance to UV rays, such as storefronts and skylights.

Types Glass

We provide a variety of glass options, including frosted, smart, bird-friendly, and black tinted glass.



Frosted Glass



Smart Glass



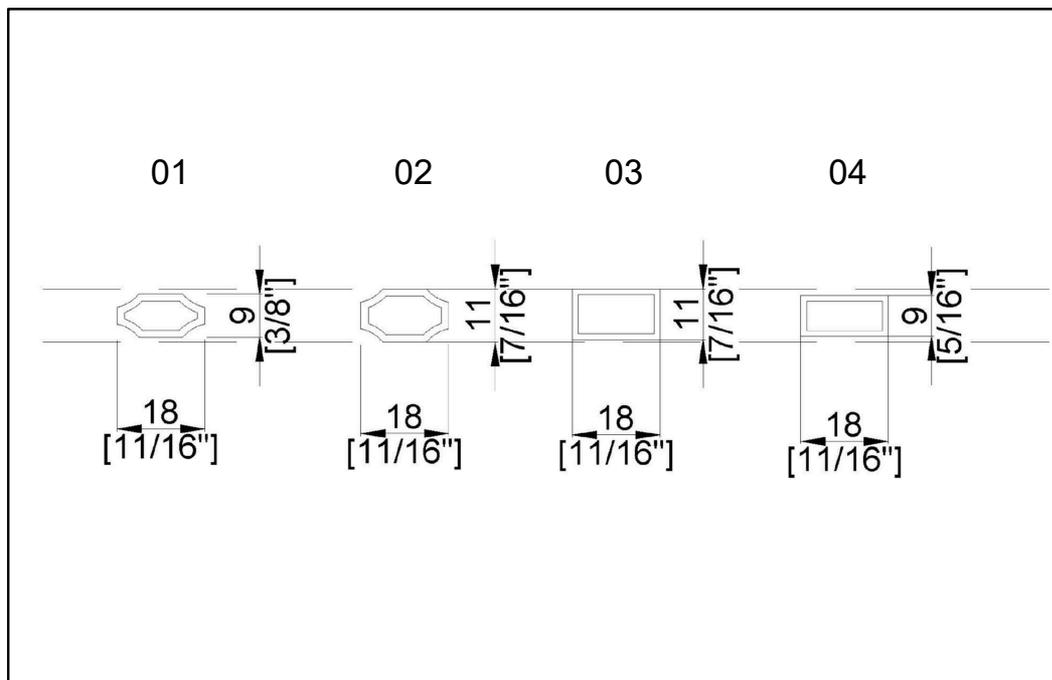
Bird-friendly Glass



Black Tinted Glass

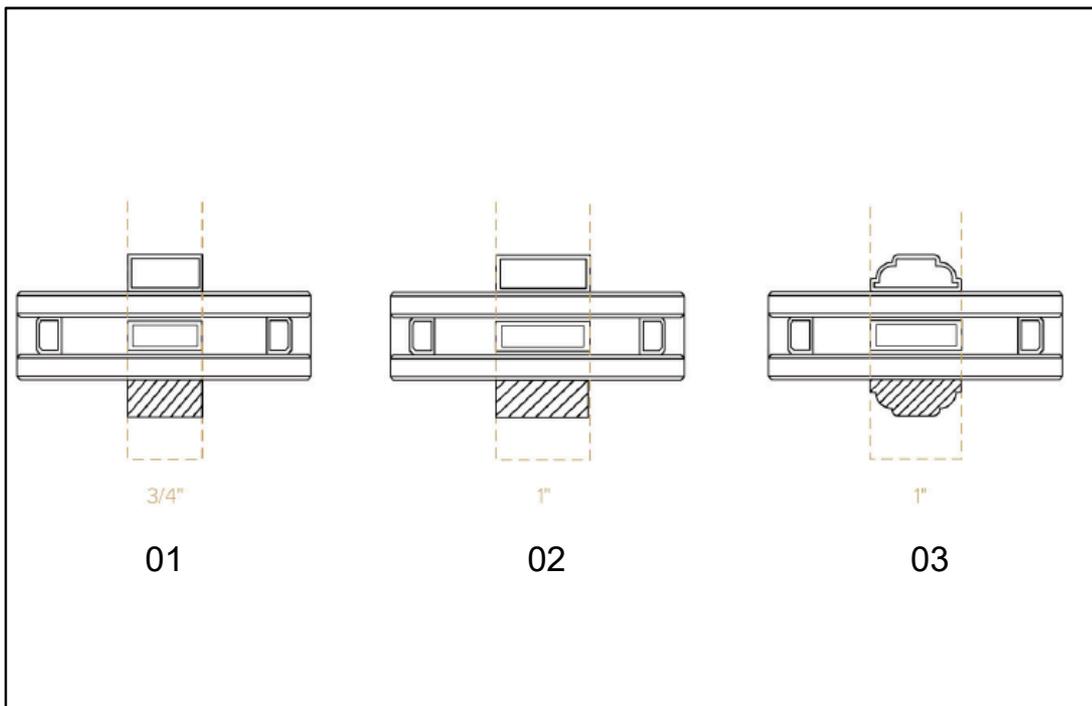
GRILLES-BETWEEN-THE-GLASS (GBG)

Grilles are securely installed between the glass panes, providing a low-maintenance options. This design gives the appearance of a divided lite pattern while allowing for easy cleaning of just one pane of glass. You can choose from a variety of interior and exterior colors.



SIMULATED-DIVIDED-LITE (SDL)

SDL bars are securely attached to both sides of the glass. Simulated divided lites with spacer bars (SDL) offer an energy-efficient solution to achieve the appearance of genuine divided lites.



For Interior Wood and Aluminum Exterior



Grid options

