



WELCOME TO COBB CUSTOM

At Cobb Custom, we understand there comes a time when standard just won't do... custom millwork has been our trademark since our founding in 1935. Give us your design and we will work hard to make your idea come to life. Think of the possibilities!

Whether it's the unmistakable style of the Hotel Del Coronado, the nationally recognized historic Sofia Hotel in San Diego, or a custom entry way for your home, Cobb Custom's skilled craftsman can help make your dreams a reality. Keep the look and feel of existing windows that fit perfectly with the time period of your neighborhood while reducing your energy costs.

T.M. Cobb has been preserving the Architectural Historic Character of California since 1935!



WINDOWS

We offer a wide variety of **solid wood** window products: Casements, Awnings, Hoppers, Double Hungs, Sliders, Fixed/Picture Windows, Bays, Bows, and even our unique Hydraulic Servery Awning Window. All units can be built to your custom size and specifications. Details such as wood species, sill type, lite break-ups, glass type, stile & rail layouts, etc., are all customizable.

We also offer Radius Fixed/Picture and Casement Windows and all of our window products are available with Radius Barwork.



DOORS

From our beautifully designed Sliding and Swinging French Doors to our elegant and sophisticated Pivot and Front Entry Doors (both customer and factory designed), we continue to set the industry standard for quality, innovation, and attention to detail.

Whether you are replacing an existing French Door, Front Entry Door, Interior or Exterior Door, let Cobb Custom turn your home into a showcase.

Cobb Custom offers Swinging, Sliding, Pivot and Folding doors, as well as more unique doors such as our French Combo Doors, our popular Dutch Doors, and our Radius Door units which will truly make your home one of a kind!

NFRC® / TITLE 24 TESTED PRODUCTS



Nearly all of our window and door products are available as **NFRC® Title 24 tested* units**, and can be used to meet Title 24 requirements, while still allowing for some customization on your project. Just look for the green "Title 24 Tested" logo near the upper right of each product page.

We have been **NFRC® Title 24 Tested** since 2016!

*National Fenestration Rating Council or (NFRC) provides ratings designed to indicate a window or door's efficiency. Various performance ratings — like U-factor and Solar Heat Gain Coefficient — measure a product's effectiveness in insulating and blocking heat from the sun, among other things.



HISTORICAL PRODUCTS / PROJECTS (HPOZ AREAS)

At Cobb Custom, replicating Historic wood windows and wood doors down to the finest detail is who we are.

Wood windows and doors inspire the spirit of a home or building much like nature inspires the spirit of life. The smallest changes in the elevation of a home with wood windows and doors, such as a thicker sill, wider muntin bars or custom exterior casing (or changing out wood windows and doors for vinyl, aluminum, fiberglass or even clad products) usually have a profound effect on the overall appearance of that building. That is why most historic districts pay special attention to preserve wood windows and wood doors on the houses in their areas. The fine details of an ogee sticking or a true putty-glazed exterior stop cannot be replicated by plastic (vinyl), aluminum or fiberglass.

Historic wood window and door areas throughout California vary quite significantly. Project requirements tend to span across a wide swath within the term "Historic". From "Matching Exact" specifications where all details must be replicated, or building a Double Hung window with the rope and pulley system, to simply replacing a wood window with another wood window, Cobb Custom has been the go-to manufacturer in Southern California for Historical Projects for decades. Our product details are the Gold Standard that other mills have since copied. So whether you are looking for a true historic solid wood window with single glazed True Divided Lites or a historic looking Title 24 tested solid wood window with dual glazed Simulated Divided Lites, Cobb Custom has you covered...since 1935!



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WINDOWS



CASEMENT WINDOWS



Our **solid wood** casement window's exacting engineered features make it one of the leading casement windows on the market today. Tested to meet our high standards, and yours. Old world rabbeted pair casements also add to the charm of this traditional window. Truly one of the best. Offered as crank out, inswing or push out (with butt hinges or friction hinges).

STANDARD CASEMENT FEATURES

FRAME

- 4-9/16" **solid** Douglas Fir jamb - other jamb sizes available
- Solid one piece Redwood sill
- Sill pans to protect against moisture intrusion
- Exterior trim available by request

SASH

- Sash is a full 1-1/2" thick, **solid** VG Douglas Fir - additional sash thicknesses available
- Standard layout: 2" stiles and top rail on face (does not include detail), 3-1/8" bottom rail on face (does not include detail)*
 - custom layouts available
 - *Standard layout on SDL units with OGEE (#24) detail: 1-13/16" stiles and top rail on face (2-5/16" overall), 2-15/16" bottom rail on face (3-7/16" overall)
- Available as a *Rabbeted Casement* (has no center mull post, two sash rabbet together within one frame) - pictured right

****IMPORTANT**** Window units ordered in paint or *STAIN* grade Douglas Fir with SDL grids – SDL *exterior* grids will come as primed Accoya as our default

- **Note:** VG Douglas Fir *STAIN* grade grids are available upon request, but are **subject to "No Warranty"!**

GLASS

- 3/4" insulated Solarban® 70 with Argon gas standard - other glass options available

WEATHERPROOFING

- Completely weatherstripped with bulb weatherseal to form a double weatherstripped system for added performance
 - Available in black, white or brown

ADDITIONAL INFO & OPTIONS

- Solid VG Fir (paint or stain grade) standard - additional species available
 - Pre-priming available
 - Wire brushing available
- Custom lite break-ups available (marginal, craftsman, diamond, etc.)
- **"Insert"** Casements available in all operations - Crank Out, Push Out and Inswing
 - Full bound frame/4-sided jamb, no sill
 - Bottom jamb can be sloped to match your existing window sill
 - "Insert" windows can be easily inserted into your existing window frame making installation a breeze!
- Stacking and mulling available
- Handing specified from the outside looking in
- Easy installation



Single Casement



Rabbeted Casement
(No center mull post. Two sash rabbeted together in one frame.)



Corner Driver Gear
(on Crank Out Rabbeted Casements only)
Eliminates sash locks at top of sash



Triple Casement
(shown in a 1/4-1/2-1/4 division
with TDL Casement flankers and a Fixed center)

CASEMENT OPERATIONS

CRANK OUT CASEMENTS

Operator, Handle & Cover



Sash Lock



Hidden Roll Screen

HARDWARE

We use Truth EntryGard® hardware on our Crank Out Casements. Opening windows with the EntryGard system is smooth and easy. The patented dual arm action pushes the sash open while pulling the hinge side of the sash to the open position producing almost effortless operation.

- Folding handles standard
- Removable covers for easy painting/finishing
- Dual Arm Operators used on casements 14" wide or larger
- Available stocked finishes:
 - White (standard)
 - Faux Bronze (standard)
 - Satin Nickel - US15 (upcharge)
- Crank out casements over 42" tall come with tie bars
- Crank out *Rabbeted* casements come with **corner drive gear** to eliminate sash locks at top of sash

SCREENS

- Aluminum screens standard with UltraVue® screen mesh
 - Hidden roll screen available. Rolls down when you need it, rolls up when you don't (certain widths and wall conditions required)
 - Wood Screen available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

INSWING CASEMENTS



Parliament Hinge (optional upgrade)

HARDWARE

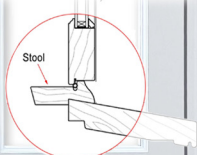
- Hinges
 - *Butt Hinges* - as a standard, we use residential grade 3.5 x 3.5 Steel Plain Bearing 5/8" Radius Corner Mortise Hinges, 0.087 gauge (RC1842)
 - Solid Brass Hinges are available as an optional upgrade
 - Square Corner Hinges are available as an optional upgrade
 - *Parliament Hinges* - 2.5" x 4" Solid Brass IDH Parliament Hinges with Ball Finials available as an upgrade
 - 2.5" x 3" and 2.5" x 3.5" also available
- Casement Fasteners
 - 2 latches per sash on casements 42" tall and up
- 4" Surface Bolts (top & bottom) standard on Rabbeted Casements
- Optional Upgrade: Hoppe Stainless Steel Multipoint Locking Hardware

SCREENS

- Aluminum screens standard with UltraVue® screen mesh
 - Wood Screen available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

ADDITIONAL INFO

- Standard interior Stool included



PUSH OUT CASEMENTS

A.W. Anderberg Friction Hinge



3.5 x 3.5 RC1842-NRP Hinge



4" Surface Bolt



Hidden Roll Screen (in the rolled up position)

Inswing Wood Screen

HARDWARE

Our Push Out Casements can be Friction Hinged or Butt Hinged. Friction hinges allow the sash to open a full 90 degrees and hold it firmly in place whether fully or partially opened. Butt hinges allow the sash to up to as much as 180 degrees.

- A.W. Anderberg friction hinges
- As a standard, we use residential grade 3.5 x 3.5 Steel Plain Bearing 5/8" Radius Corner Mortise Non-Removable Pin Hinges, 0.087 gauge (RC1842-NRP)
 - Solid Brass Hinges are available as an optional upgrade
 - Square Corner Hinges are available as an optional upgrade
- Casement Fastener(s)
 - 2 latches per sash on casements 42" tall and up
- 4" Surface Bolts (top & bottom) standard on Rabbeted Casements
- Optional Upgrade: Hoppe Stainless Steel Multipoint Locking Hardware

SCREENS

- Push out casements do not come with screens as a standard
 - Hidden roll screen available. Rolls down when you need it, rolls up when you don't (certain widths and wall conditions required)
- Inswing Wood Screen(s) with UltraVue® screen mesh available as an upgrade
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

CASEMENT FASTENERS

We use Solid Brass casement fasteners and offer both our standard larger casement fastener (#66) and a smaller casement fastener (#066).



- (Standard) Large Casement Fastener #66
 - Base: 2-1/16" high x 1-1/16" wide
 - Projection: 1-7/8"
- (Optional) Small Casement Fastener #066
 - Base: 1-5/8" high x 7/8" wide
 - Projection: 1-3/8"

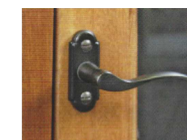
Available in the following finishes:

- Polished Brass (US3)
- Oil Rubbed Bronze (US10B)
- Antique Brass (US5)
- Polished Chrome (US26)
- Satin Nickel (US15)
- Satin Chrome (US26D)

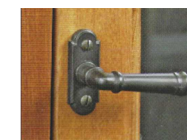
MULTIPOINT LOCKING HARDWARE

Hoppe® Stainless Steel Multipoint Locking Hardware is offered as an optional upgrade on our Inswing and Push Out Casement Windows.

Available Handle Styles:



Georgian



Victorian

Available Finishes:

- Polished Brass (US3)
- Oil Rubbed Bronze (US10B) - (shown above)
- Satin Nickel (US15)

HINGE FINISHES



Oil Rubbed Bronze (US10B)



Satin Chrome (US26D)*



Polished Brass (US3)



Satin Nickel (US15)



Polished Chrome (US26)

*Parliament Hinges not available in Satin Chrome (US26D)

DOUBLE HUNG WINDOWS



Beyond the basic double hung window. This classic window has been taken to a new architectural level. It's easy to operate, easy to clean and fits most budgets.

Balanced sashes allow for a smooth, easy operation. Offered with hidden balances or jambliners for tilt-in application. Also offered with rope & pulley or chain & pulley for Historic Preservation projects.

Cobb Custom double hung **solid wood** windows are made to your size. They are built to be easy on your energy cost too. Foam backed jambliners, top and bottom weatherstripping and positive locking mechanism help make that important tight seal.

STANDARD FEATURES

FRAME

- 4-9/16" **solid** Douglas Fir jamb – wider jamb sizes available
- Solid one piece Redwood sill
- Sill pans to protect against moisture intrusion
- Exterior trim available by request

SASH

- Sash are a full 1-1/2" thick*, **solid** VG Douglas Fir – additional sash thicknesses available
 - *Vinyl Jambliner sash are 1-3/8" thick
 - Sash Tilt-in feature – available on Jambliner Double Hungs only
- Standard layout: 2" stiles and top rail on face (does not include detail), 3-1/8" bottom rail on face (does not include detail)*
 - Custom layouts available
 - *Standard layout on SDL units with OGEE (#24) detail: 1-13/16" stiles and top rail on face (2-5/16" overall), 2-15/16" bottom rail on face (3-7/16" overall)
- Lugs available* upon request
 - **not available on Jambliner Double Hungs*



Sash Lug

GLASS

- 3/4" insulated Solarban® 70 with Argon gas standard
 - other glass options available

HARDWARE

- Truth Entrygard Cam Locks and Sash Lifts in White or Faux Bronze standard
 - Additional finishes available
 - Upgraded Deltana® spoon locks available
 - *Sash Lifts are shipped loose and installed by others
- See "Hardware" section, next page, for images and additional information

SCREENS

- Aluminum screens standard with UltraVue® screen mesh
 - Hidden roll screen available. Rolls down when you need it, rolls up when you don't (certain widths and wall conditions required)
 - Wood Screen available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available



Hidden Roll Screen

WEATHERPROOFING

- Sash weather-stripped with bulb weatherstripping
 - Available in black, white or brown

ADDITIONAL INFO & OPTIONS

- Solid VG Fir (paint or stain grade) standard - additional species available
 - Pre-priming available
 - Wire brushing available
- Custom lite break-ups available (marginal, craftsman, diamond, etc.)
- ****IMPORTANT**** Window units ordered in paint or *STAIN* grade Douglas Fir with SDL grids – SDL *exterior* grids will come as primed Accoya as our default
 - **Note:** VG Douglas Fir *STAIN* grade grids are available upon request, but are **subject to "No Warranty"!**
- **"Insert"** Double Hungs available
 - Full bound frame/4-sided jamb, no sill
 - Bottom jamb can be sloped to match your existing window sill
 - "Insert" windows can be easily inserted into your existing window frame making installation a breeze!
- Stacking and mulling available

Our historically accurate double hung windows were used to replace the originals on the World Famous Hotel Del Coronado in San Diego, California.

DOUBLE HUNG BALANCE SYSTEMS



HIDDEN BALANCE SYSTEM

Our Double Hungs come standard with our Hidden Balance System, which is NFRC® / Title 24 tested and replaces the discontinued Acme Balance. The Hidden Balance System uses block and tackle balances in the edge of the sash stiles which provides a smoother and quieter operation, as well as a cleaner look by eliminating the need for a box cut out and allowing for a solid jamb. No more exposed flimsy cable wires or cheap metal boxes! Replicate your existing windows with historically authentic windows.



VINYL JAMBLINER BALANCE SYSTEM*

Our Vinyl Jambliner Balance System is easy to operate, easy to clean and fits most budgets. Balanced sash allow for smooth, easy operation. Cleaning the window from inside the home with our "Tilt-in" feature makes cleaning less of a chore.

- Extruded Vinyl Jambliners with foam backing
 - Available in white or beige (tan)
- "Tilt-in" feature allows for easy cleaning from inside the home, (on Vinyl Jambliner Double Hungs only)

**Not an NFRC / Title 24 tested product*



Rope & Pulley Balance System with cover (left), and without (right)

ROPE / CHAIN & PULLEY BALANCE SYSTEM

Often used in Historical projects (HPOZ Areas), we also offer our Rope (or Chain) & Pulley Balance System. This "old-school", simple system is NFRC® / Title 24 tested and consists of cast iron weights, hung from a pulley, with a rope or chain on each side of the operating sash. These weights total the exact weight of the sash, allowing to hang weightlessly in the desired up or down position.



HARDWARE



CAM LOCK

As a standard, we use Truth EntryGard® Cam Locks which feature a protective back plate and an internal cam which produces a .125" pull-in with a .156" lifting ability. When locked, meeting rails are pulled tightly together, decreasing air infiltration. EntryGard's snap-back lock draws the cam in when handle motion is within 30 degrees of the open position. The spring action eliminates cam exposure when partially open. Made from high-pressure, corrosion-resistant, die-cast zinc. Available with or without alignment lugs. Made with the same exceptional engineering platform as EntryGard Operators. (See "Sash Lift" section for available finishes.)



TRADITIONAL SPOON LOCK (upgrade)

We also offer Deltana® Traditional Solid Brass Spoon Locks as an upgrade on our Double Hungs and Sliders. This authentic reproduction Bevel Sash Lock fits newer double-pane (insulated glass) windows.

- Available Finishes:
 - Polished Brass (US3)
 - Oil Rubbed Brz (US10B)
 - Satin Nickel (US15)
 - Polished Chrome (US26)
 - Satin Chrome (US26D)
- Available Sizes:
 - 1" x 2-5/8"
 - 1-1/8" x 3"



TILT-PAC REPLACEMENT SYSTEM

Replace your single or double hung window without disturbing the exterior or the interior trims of the house - no need to remove siding; and since installation is done from the interior, second floor windows are not a problem to switch out. Our Tilt-Pacs include: a Vinyl jambliner set, appropriate-weighted balances, two sashes, Cam Lock, sash lift, and a weather-stripped top parting bead.

STANDARD FEATURES

SASH

- Sash are a full 1-7/16" thick, **solid** VG Douglas Fir with "Tilt-in" feature – additional sash thicknesses available
- Standard layout: 2" stiles and top rail on face (does not include detail), 3-1/8" bottom rail on face (does not include detail)*
 - custom layouts available
 - *Standard layout on SDL units with OGEE (#24) detail: 1-13/16" stiles and top rail on face (2-5/16" overall), 2-15/16" bottom rail on face (3-7/16" overall)
- Lugs not available

****IMPORTANT**** Tilt-Pacs ordered in paint or *STAIN* grade Douglas Fir with SDL grids – SDL *exterior* grids will come as primed Accoya as our default

- **Note:** VG Douglas Fir *STAIN* grade grids are available upon request, but are **subject to "No Warranty"!**

GLASS

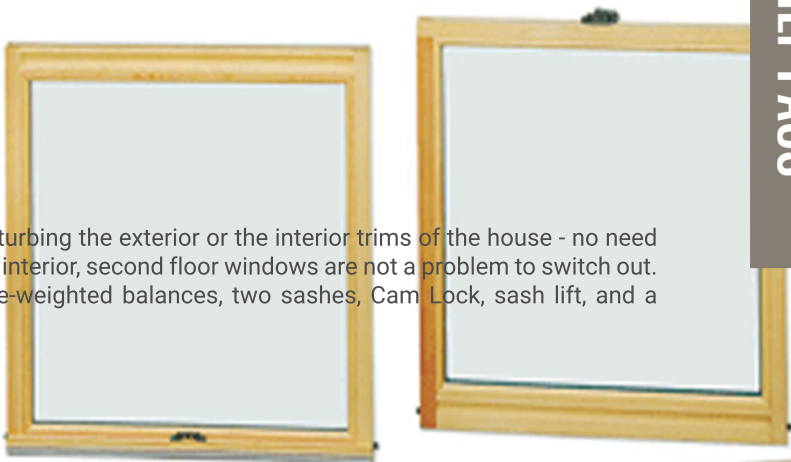
- 11/16" insulated Solarban® 70 with Argon gas standard
 - other glass options available

HARDWARE

- Truth Entrygard Cam Locks and Sash Lifts in White or Faux Bronze standard (more info in Hardware section below)
 - Additional finishes available
 - Upgraded Deltana® spoon locks available
 - *Sash Lifts are shipped loose and installed by others

WEATHERPROOFING

- Includes weather-stripped top parting bead



ADDITIONAL INFO & OPTIONS

- Solid VG Fir (paint or stain grade) standard - additional species available
 - Pre-priming available
- Custom lite break-ups available (marginal, craftsman, diamond, etc.)
- Vinyl jambliners – available in white or beige (tan)
 - When ordering replacement Jambliners with balancers the following items/parts are included:

• Balances	• Vinyl Stops
• Installation Brackets	• Short (S) Clips
• Cam Pivots (handed L/R)	• Long (S) Clips

***Note:** Model number should be provided when available otherwise include size of TP System, lite configuration & glass make-up.

- Easy installation

SASH LIFT

Designed to complement Truth's Check Rail Locks, Truth Sash Lifts provide easy opening and closing of double-hung. With a traditional finger-pull look, Sash Lifts encourage window lifting from the bottom, putting less stress on the sash.

- Available Stocked Finishes:
 - White (standard)
 - Faux Bronze (standard)
 - Satin Nickel (**upcharge**)

***Sash Lifts are shipped loose and installed by others.**



SLIDING WINDOWS



Sliding Windows belong to the same family as the Double Hung. The major difference is that they open horizontally rather than vertically. You can gain a wide-eyed vista much like a picture window when utilizing our *solid wood* sliding windows.

STANDARD FEATURES

FRAME

- 4-9/16" **solid** Douglas Fir jamb – wider jamb sizes available
- Solid one piece Redwood sill
- Sill pan to protect against moisture intrusion
- Exterior trim available by request

SASH

- Sash are a full 1-1/2" thick*, **solid** VG Douglas Fir
- Standard layout: 2" stiles and top rail on face (does not include detail), 3-1/8" bottom rail on face (does not include detail)*
 - custom layouts available
 - *Standard layout on SDL units with OGEE (#24) detail: 1-13/16" stiles and top rail on face (2-5/16" overall), 2-15/16" bottom rail on face (3-7/16" overall)

****IMPORTANT**** Window units ordered in paint or *STAIN* grade Douglas Fir with SDL grids – SDL *exterior* grids will come as primed Accoya as our default

- **Note:** VG Douglas Fir *STAIN* grade grids are available upon request, but are **subject to "No Warranty"!**

HARDWARE

- Sliding window track available in bronze anodized and white powder coated
- Nylon ball bearing wheels allow for smooth gliding operation
- Truth Entrygard Cam Locks and Sash Pulls in White or Faux Bronze standard
 - Additional finishes available
 - Upgraded Deltana® spoon locks available
 - *Sash Pulls are shipped loose and installed by others
- See "Hardware" section below, for images and additional information

GLASS

- 3/4" insulated Solarban® 70 with Argon gas standard
 - other glass options available

SCREENS

- Aluminum screens standard with UltraVue® screen mesh
 - Wood Screen available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

WEATHERPROOFING

- Weatherstripped with a combination of bulb and compression weatherseals
 - Available in black, white or brown

ADDITIONAL INFO & OPTIONS

- **Solid** VG Fir (paint or stain grade) standard - additional species available
 - Pre-priming available
 - Wire brushing available
- Available in XO, OX, XOX (Triple Slider), and OXXO (Quad Slider) configurations
- Custom lite break-ups available (marginal, craftsman, diamond, etc.)
- **"Insert"** Sliders available
 - Full bound frame/4-sided jamb, no sill
 - Bottom jamb can be sloped to match your existing window sill
 - "Insert" windows can be easily inserted into your existing window frame making installation a breeze!
- Stacking and mulling available
- Easy installation

HARDWARE



CAM LOCK

As a standard, we use Truth EntryGard® Cam Locks which feature a protective back plate and an internal cam which produces a .125" pull-in with a .156" lifting ability. When locked, meeting rails are pulled tightly together, decreasing air infiltration. EntryGard's snap-back lock draws the cam in when handle motion is within 30 degrees of the open position. The spring action eliminates cam exposure when partially open. Made from high-pressure, corrosion-resistant, die-cast zinc. Available with or without alignment lugs. Made with the same exceptional engineering platform as EntryGard Operators.



TRADITIONAL SPOON LOCK (upgrade)

We also offer Deltana® Traditional Solid Brass Spoon Locks as an upgrade on our Double Hungs and Sliders. This authentic reproduction Bevel Sash Lock fits newer double-pane (insulated glass) windows.

- Available Finishes:
 - Polished Brass (US3)
 - Oil Rubbed Brz (US10B)
 - Satin Nickel (US15)
 - Polished Chrome (US26)
 - Satin Chrome (US26D)
- Available Sizes:
 - 1" x 2-5/8"
 - 1-1/8" x 3"



SASH PULL

Designed to complement Truth's Check Rail Locks, Truth Sash Lifts provide easy opening and closing of double-hung. With a traditional finger-pull look, Sash Lifts encourage window lifting from the bottom, putting less stress on the sash.

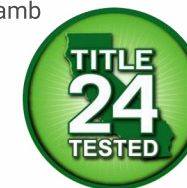
- Available Stocked Finishes:
 - White (standard)
 - Faux Bronze (standard)
 - Satin Nickel (*upcharge*)



***Sash Lifts are shipped loose and installed by others.**



SERVERY AWNING WINDOW



Our **solid wood** Gas Strut Servery Awning Window is the perfect solution to open up your kitchen, connecting it to your backyard or other outdoor areas and allowing for unobstructed views, open air space and maximizing space for indoor/outdoor entertainment. Our innovative, simple-to-install servery awning window can be ordered without a bottom jamb or sill allowing the sash to close directly on your counter top, giving you a continuous counter top all the way through to the exterior, creating an indoor/outdoor bar! An entertainer's delight!

STANDARD FEATURES

FRAME

- 4-1/2" **solid** Douglas Fir jamb standard and *minimum* - wider jamb sizes available
- Available with flat sill, full-bound jamb, or no bottom jamb allowing sash to close flush on counter top
- Exterior trim available by request

GLASS

- 3/4" insulated Solarban® 70 with Argon gas standard - other glass options available
- Tempered or laminated safety glass required
 - insulated or single glaze available
 - additional options available

HARDWARE

- Our Gas Spring Lift System allows sash to open to 92° (Cobb Custom standard) and locks into place
 - Safety feature locks sash into place when in the open position, and must be pushed to release the lock before sash can be closed
- Hoppe® Stainless Steel Multipoint Locking hardware (Solid Brass interior window handle included)
- 4" x 4" Solid Brass Ball Bearing NRP Square Corner Hinges (BB1279-NRP)
- 6" Solid Brass Emtek® Window Utility Pull Handle on sash exterior for easy closing
- Does *not* come standard with screens due to push out operation



Gas Spring Safety Feature



Exterior Pull Handle

***Please note:** Sash is soft opening only, not soft close. Exterior handle must be used when closing sash. **DO NOT** place fingers under sash!

ADDITIONAL INFO & OPTIONS

- Solid VG Fir (paint or stain grade) standard - additional species available
 - Pre-priming available
 - Wire brushing available
- Push out operation
- Custom lite break-ups available (marginal, craftsman, diamond, etc.)
- Stacking and mulling available
- Max. sash width with dual glazed is 72" wide
- Max. sash height with dual glazed glass is 48" tall

SASH

- Sash is a full 1-3/4" thick, **solid** VG Douglas Fir
- Square sticking and stop sash detail (no additional options)
- Standard *minimum* layout: 3-5/8" stiles, top and bottom rails *overall*
 - custom layouts available

****IMPORTANT**** Window units ordered in paint or *STAIN* grade Douglas Fir with SDL grids – SDL *exterior* grids will come as primed Accoya as our default

- **Note:** VG Douglas Fir *STAIN* grade grids are available upon request, but are **subject to "No Warranty"!**

WEATHERPROOFING

- Completely weatherstripped with bulb weatherseal to form a double weatherstripped system for added performance
- Available in black, white or brown

MULTIPOINT LOCKING HARDWARE

We use Hoppe® Stainless Steel Multipoint Locking Hardware on our Gas Strut Servery Awning Windows.

Available Handle Styles:



Dallas (Solid Bass)



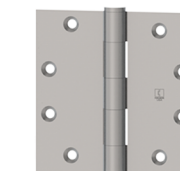
Verona (Solid Brass)

Available Finishes:

- Satin Nickel (US15) (shown above)
- Rustic Umber (US10B)
- Matte Black (US19)



HINGE FINISHES



Satin Nickel (US15)



Matte Black (US19)



Oil Rubbed Bronze (US10B)



AWNING & HOPPER WINDOWS

AWNINGS / HOPPERS

The most underrated window we manufacture because you can design it's use stacked above or below a fixed or operable window. Use our **solid wood** awning or hopper windows to solve the need for light but the concern for privacy by installing high in the room.



STANDARD AWNING & HOPPER FEATURES

FRAME

- 4-9/16" **solid** Douglas Fir jamb – wider jamb sizes available
- Solid one piece Redwood sill
- Sill pan to protect against moisture intrusion
- Exterior trim available by request

SASH

- Sash is a full 1-1/2" thick*, **solid** VG Douglas Fir
- Standard layout: 2" stiles and top rail on face (does not include detail), 3-1/8" bottom rail on face (does not include detail)*
 - Custom layouts available
 - *Standard layout on SDL units with OGEE (#24) detail: 1-13/16" stiles and top rail on face (2-5/16" overall), 2-15/16" bottom rail on face (3-7/16" overall)

GLASS

- 3/4" insulated Solarban® 70 with Argon gas standard
 - other glass options available

WEATHERPROOFING

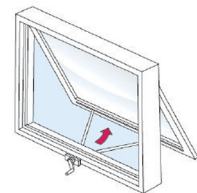
- Completely weather-stripped with bulb weatherseal to form a double weather-stripped system
 - Available in black, white or brown

SCREENS

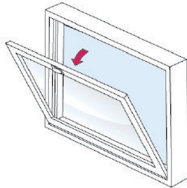
- Aluminum screens standard with UltraVue® screen mesh
 - Wood Screen available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

ADDITIONAL INFO & OPTIONS

- Solid VG Fir (paint or stain grade) standard - additional species available
 - Pre-priming available
 - Wire brushing available
- Custom lite break-ups available (marginal, craftsman, diamond,etc.)
- **IMPORTANT**** Window units ordered in paint or *STAIN* grade Douglas Fir with SDL grids – SDL *exterior* grids will come as primed Accoya as our default
 - **Note:** VG Douglas Fir *STAIN* grade grids are available upon request, but are **subject to "No Warranty"!**
- **"Insert"** Awnings and Hoppers available
 - Full bound frame/4-sided jamb, no sill
 - Bottom jamb can be sloped to match your existing window sill
 - "Insert" windows can be easily inserted into your existing window frame making installation a breeze!
- Stacking and mulling available
- Easy installation



AWNING WINDOWS are hinged on the top and open out from the bottom. Often used for ventilation under large, fixed picture windows in contemporary style homes. They keep out rain even when open, as long as wind isn't blowing too hard.



HOPPER WINDOWS are hinged like awnings in reverse; hinged on the sides or bottom to swing in. Typically used in basements or high on a wall over a larger fixed picture window.

AWNINGS

OPERATION

- Crank out operator standard
 - Push out with butt hinges or friction hinges also available

HARDWARE

- Truth Entrygard® crank out hardware and sash locks in white or faux bronze
 - Additional finishes available
 - Folding handles standard
- Units can also be Friction Hinged or Butt Hinged
 - *Friction hinges* hold sash firmly in place whether fully or partially opened
 - *Butt hinges* allow sash to hang/swing freely and open a full 180 degrees
- Casement Fasteners
 - Standard - Large Casement Fastener (#66)
 - Optional - Small Casement Fastener (#066)
 - Several finishes available
- See "Casement Operations", pages 8 & 9, for hardware images, finish options, and additional information

Standard Crank Out Mullied Awning Units



HOPPERS

OPERATION

- Friction hinged or butt hinged tilt in operation

HARDWARE

- Units are Friction Hinged as a standard, or can be Butt Hinged
 - *Friction hinges* hold sash firmly in place whether fully or partially opened
 - *Butt hinges* - sash falls in freely, without resistance
 - Transom Chains included (pictured above)
 - As a standard, we use 3.5 x 3.5 Steel Plain Bearing 1/4" Radius Corner Mortise Non-Removable Pin Hinges (RC1541-NRP) - see "Hinge Finishes" box, page 7, for available finishes
- Solid Brass Transom Catch (included) locks sash in place
 - Available Finishes:
 - Polished Brass (US3)
 - Satin Nickel (US15)
 - Antique Brass (US5)
 - Oil Rubbed Bronze (US10B)
 - Polished Chrome (US26)
 - Satin Chrome (US26D)



Standard Friction Hinged Mullied Transom Hoppers



BAY & BOW WINDOWS

See things a little differently when you install a **solid wood** bay or bow window. Built to fit your opening. No matter how you design it, it's a great way to see the world outside.

STANDARD BAY & BOW FEATURES

BAY OPERATION

- Made up of 3 window components with 18" or 24" flankers
 - custom flanker sizes also available)
- Available with Crank Out Casement, Double Hung (Hidden Balance or Jambliner only) or Fixed flankers

BOW OPERATION

- Consists of 4 or more window components
- Can be any combination of Crank Out Casement, Double Hung (Hidden Balance or Jambliner only) or Fixed windows

FRAME

- 4-9/16" **solid** Douglas Fir jamb – wider jamb sizes available
- 3/4" birch plywood head and seat board standard – additional species available
- Bay Windows - 45° angled projection standard
 - 30°, 90° and other custom angles also available
- Custom projections available
- Exterior trim available by request

SASH

- Sash is a full 1-1/2" thick*, **solid** VG Douglas Fir
 - additional thicknesses available

GLASS

- 3/4" insulated Solarban® 70 with Argon gas standard
 - other glass options available

HARDWARE

- See "Casement Operations", pages 8 & 9, for casement hardware information, images and finish options
- See the boxed "Hardware" section under "Double Hung Balance Systems", page 12, for double hung hardware information, images and finish options

SCREENS

- Aluminum screens standard with UltraVue® screen mesh
 - Wood Screen available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

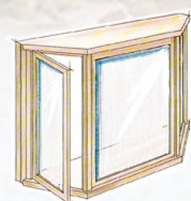
WEATHERPROOFING

- Completely weather-stripped with bulb weatherseal to form a double weather-stripped system
 - Available in black, white or brown

ADDITIONAL INFO & OPTIONS

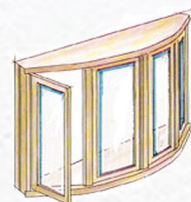
- Solid VG Fir (paint or stain grade) standard - additional species available
 - Pre-priming available
 - Wire brushing available
- Custom lite break-ups available (marginal, craftsman, diamond,etc.)
- **IMPORTANT**** Window units ordered in paint or *STAIN* grade Douglas Fir with SDL grids – SDL *exterior* grids will come as primed Accoya as our default
 - **Note:** VG Douglas Fir *STAIN* grade grids are available upon request, but are **subject to "No Warranty"!**
- **"Insert"** Awnings and Hoppers available
 - Full bound frame/4-sided jamb, no sill
 - Bottom jamb can be sloped to match your existing window sill
 - "Insert" windows can be easily inserted into your existing window frame making installation a breeze!
- Handing specified from the outside looking in
- Pre-assembled for easy installation

***NOTE – ALL PROJECTION WINDOWS REQUIRE BOTTOM SUPPORT (CORBELS OR KNEE BRACES) TO SUPPORT GLASS AND INTERIOR USE LOADS OR WARRANTY IS VOID**



BAY WINDOWS

are a set of 3 windows, angled out away from the house. The window in the center is typically a fixed window, and is approximately 50% larger than both the windows on the sides (flankers). Bays typically have casement or double hung windows installed as the flankers for ventilation.



BOW WINDOWS

are a set of 4 or more windows of equal size, projecting outward from the exterior. The Bow window gives an appearance of a curve more than the bay window does, and it is more symmetrical. Bows tend to let more light into a room, and since they curve outward, homeowners can have a unique viewpoint.



Bow Window made up of 7 fixed window components

DOORS





ENTRY DOORS



Nothing says YOU like your customized Front Entry Door. Give your home new character and your own personal touch with the ultimate welcome – a custom Front Entry Door from Cobb Custom. Square Top and Arched Top units available in single swing and pair doors with fixed, crank out, or butt hinged inswing or push out sidelites.

STANDARD FEATURES

FRAME

- 4-9/16" single rabbeted jamb
 - additional jamb sizes available
- Solid oak sill standard
 - Aluminum sills available
 - "Cobbposite" adjustable sill available
 - available in bronze or mill finish only
- Exterior moulding available by request on Exterior doors

DOOR & SIDELITE PANEL(S)

- Engineered Wood Core Fir Veneer standard
 - additional veneer species available
 - Solid wood and LVL Veneer also available – must specify
 - Pre-priming available
 - Wire brushing available
- Custom made to your design specifications
- 1-3/4" custom made doors and sidelites
- Standard layout:
 - Doors 36" wide & under: 4" stiles and top rail on face (4-1/2" overall), 8-7/8" bottom rail on face (9-3/8" overall)
 - Doors over 36" wide: 5" stiles and top rail on face (5-1/2" overall), 8-7/8" bottom rail on face (9-3/8" overall)
- Custom layouts available
- MDX panels on paint grade and solid wood panels on stain grade
 - Raised and Flat panels available
 - Raised moulding available
- Dentil Shelf available
- Wood T-astragals and flush bolts to match hinge color on Exterior Paired Entry Doors
- Fixed, crank out, butt hinged inswing or butt hinged push out sidelites

GLASS

- 3/4" insulated tempered Solarban® 70 with Argon gas standard
 - other glass options available

HARDWARE

- Heavy duty 1279 4" x 4" Steel Plain Bearing 1/4" Radius
- Corner
 - Mortise Hinges
 - Solid Brass Hinges are available as an optional upgrade
 - Square Corner Hinges are available as an optional upgrade
- Hoppe® HLS 9000 Multipoint Swinging hardware and locksets available on doors, up to 8 ft tall, as an *upgrade*
 - Coming Soon... Shoot bolt hook and tongue multipoint hardware for doors over 8 ft up to 10 ft.
- Single bore, double bore and mortise prep available upon request
- Rollover latches on operable inswing sidelites
- Door shoe included
- See "Hinged Door Hardware", page 34, for hardware images, available finishes and styles, and additional information

SCREEN DOORS

- Wood screen doors with UltraVue® screen mesh available (5-1/2" minimum jamb width required)
- Aluminum screens standard with UltraVue® screen mesh on active sidelites
 - Wood screens available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

WEATHERPROOFING

- Fully weather-stripped with compression Q-Ion weather-stripping
 - Available in black, white or brown

ADDITIONAL INFO & OPTIONS

- Units shipped assembled
- Custom lite and panel break-ups available
- Handing specified from the outside looking in



ENTRY
DOORS



ENTRY
DOORS





SWINGING DOORS



Our beautiful Swinging doors are available in French (True or Simulated Divided Lite), Single Lite, Raised Panel, or Flat Panel. All are offered as Inswing or Outswing, and as Interior or Exterior. Sidelites are also offered as fixed, crank out, or as butt hinged inswing or push out.

STANDARD FEATURES

FRAME

- 4-9/16" single rabbeted jamb
 - additional jamb sizes available
- Solid oak sill standard
 - Aluminum sills available
 - "Cobbposite" sill available as inswing (adjustable) or outswing
 - available in bronze or mill finish only
- Exterior moulding available by request on Exterior doors

DOOR & SIDELITE PANEL(S)

- Engineered Wood Core Fir Veneer standard
 - additional veneer species available
 - Solid wood and LVL Veneer also available – must specify
 - Pre-priming available
 - Wire brushing available
- 1-3/4" custom made *Exterior* doors and sidelites
- 1-3/8" custom made *Interior* doors and sidelites available
- MDX panels on paint grade and solid wood panels on stain grade
 - Raised and Flat panels available
 - Raised moulding available
- Standard layout:
 - Doors 36" wide & under: 4" stiles and top rail on face (4-1/2" overall), 8-7/8" bottom rail on face (9-3/8" overall)
 - Doors over 36" wide: 5" stiles and top rail on face (5-1/2" overall), 8-7/8" bottom rail on face (9-3/8" overall)
- Custom layouts available
- Wood T-astragals and flush bolts to match hinge color on Exterior paired doors
- Fixed, crank out, butt hinged inswing or butt hinged push out sidelites
- Custom made to your design specifications

GLASS

- 3/4" insulated tempered Solarban® 70 with Argon gas standard
 - other glass options available

HARDWARE

- Heavy duty 1279 4" x 4" Steel Plain Bearing 1/4" Radius Corner Mortise Hinges
 - Solid Brass Hinges are available as an optional upgrade
 - Square Corner Hinges are available as an optional upgrade
- Hoppe® HLS 9000 Multipoint Swinging hardware and locksets available on doors, up to 8 ft tall, as an upgrade
 - Coming Soon... Shoot bolt hook and tongue multipoint hardware for doors over 8 ft up to 10 ft.
- Single bore, double bore and mortise prep available upon request
- Rollover latches on operable inswing sidelites
- Door shoes included on *Exterior* doors
- See "Hinged Door Hardware", page 34, for hardware images, available finishes and styles, and additional information

SCREEN DOORS

- Wood screen doors with UltraVue® screen mesh available on active doors (5-1/2" minimum jamb width required)
- Aluminum screens standard with UltraVue® screen mesh on active sidelites
 - Wood screens available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

WEATHERPROOFING

- Exterior doors fully weather-stripped with compression Q-Lon weather-stripping
 - Available in black, white or brown

ADDITIONAL INFO & OPTIONS

- Units shipped assembled
- Custom lite and panel break-ups available
- Handing specified from the outside looking in

SWINGING DOORS



FRENCH COMBO DOORS

Great for ventilation, it's a sash within a door. The main door opens for access or may remain locked for security, while the inset sash is screened to let the cool air and keep the bugs out.

STANDARD FEATURES

FRAME

- 4-9/16" single rabbeted jamb
 - additional jamb sizes available
- Solid oak sill standard
 - Aluminum sills available
 - "Cobbposite" sill available as inswing (adjustable) or outswing
 - available in bronze or mill finish only
- Exterior trim available by request

DOOR & SASH

- **Solid** Vertical Grain Douglas Fir stiles and rails standard
 - additional species available
 - Pre-priming available
 - Wire brushing available
- 1-3/4" custom made doors - additional thicknesses available
- Standard layout: 4-1/8" stiles and top rail on face (4-5/8" overall), 9" bottom rail on face (9-3/8" overall)
 - Custom layouts available
- Standard Sash layout: 2" full bound on face (2-1/2" overall)
 - Custom layouts available

GLASS

- 11/16" insulated tempered Solarban® 70 with Argon gas standard
 - other glass options available

SCREEN

- Removable, fully screened sash opening
- Screens standard with UltraVue® screen mesh
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

WEATHERPROOFING

- Sash & door fully weather-stripped with compression Q-Lon weather-stripping
 - Available in black, white or brown

HARDWARE

- Friction hinged at top and bottom of sash
 - Sash opens a full 90 degrees
- Solid brass rolover latches on sash
- Heavy duty 1279 4" x 4" Steel Plain Bearing 1/4" Radius Corner Mortise Hinges
 - Solid Brass Hinges are available as an upgrade
 - Square Corner Hinges are available as an upgrade
- Hoppe® HLS 9000 Multipoint Swinging hardware and locksets available on doors, up to 8 ft tall, as an upgrade
 - Coming Soon... Shoot bolt hook and tongue multipoint hardware for doors over 8 ft up to 10 ft.
- Single bore, double bore and mortise prep available upon request
- Door shoe included
- See "Hinged Door Hardware", page 34, for hardware images, available finishes and styles, and additional information

ADDITIONAL INFO & OPTIONS

- Custom lite break-ups available
- Handing specified from the outside looking in



Gothic French Combo Door with Fixed Sidelites



Exterior view with sash open to interior



Exterior view with removable screen



Interior view with latching hardware





DUTCH DOORS



Add personality to any Entry way with one of our country chic Dutch Doors. These doors have the ability to act as two seperate pieces, or they can function as a single door. This design allows light and air into the room while keeping dirt and animals out.

Almost any door can be made into a Dutch door, as long as it has a solid wood intermediaterail across the area to be split. Simply choose a door design that fits your architecture, and your Authorized Dealer will make sure the Dutch cut on your door is the best fit for your application.

Classic Dutch Doors are a great option to give a room or Entry that added touch of style, and Cobb Custom is your source for doors that create a lasting impression.

STANDARD FEATURES

FRAME

- 4-9/16" single rabbeted jamb
 - additional jamb sizes available
- Solid oak sill standard
 - Aluminum sills available
 - "Cobbposite" sill available as inswing (adjustable) or outswing
 - available in bronze or mill finish only
- Exterior trim available by request

DOOR PANEL(S)

- *Solid* Vertical Grain Douglas Fir stiles and rails standard
 - additional species available
 - Pre-priming available
 - Wire brushing available
- 1-3/4" custom made doors - additional thicknesses available
- Standard layout:
 - Doors 36" wide & under: 4" stiles and top rail on face (4-1/2" overall), 8-7/8" bottom rail on face (9-3/8" overall)
 - Doors over 36" wide: 5" stiles and top rail on face (5-1/2" overall), 8-7/8" bottom rail on face (9-3/8" overall)
- Custom layouts available
- Rabbeted top and bottom panels
- Standard Dutch split located 36" up from bottom of door
 - Dutch split location can be specified upon request
- Cobb Custom shelf available
 - Dentil shelf also available as an upgrade
- MDX panels on paint grade and solid wood panels on stain grade
 - Raised and Flat panels available
 - Raised moulding available
- Custom made to your design specifications

GLASS

- 3/4" insulated tempered Solarban® 70 with Argon gas standard - other glass options available

HARDWARE

- Heavy duty 1279 4" x 4" Steel Plain Bearing 1/4" Radius Corner Mortise Hinges
 - Solid Brass Hinges are available as an upgrade
 - Square Corner Hinges are available as an upgrade
- Hoppe HLS® 9000 Single Point locksets available
 - See "Multipoint Locking Hardware" section, page 16, for availalbe styles and finishes
- Single bore, double bore and mortise prep available upon request
- Surface mounted flush bolts available, for bolting top half to bottom half
- Door shoe(s) included
- See "Hinged Door Hardware", page 34, for hardware images, available finishes and styles, and additional information



WEATHERPROOFING

- Fully weather-stripped with compression Q-Lon weather-stripping
 - Available in black, white or brown

ADDITIONAL INFO & OPTIONS

- Custom lite and panel break-ups available
- Handing specified from the outside looking in



HINGED DOOR HARDWARE

MULTIPOINT LOCKING HARDWARE

We offer the Hoppe HLS®9000 Multipoint Locking System as an upgrade on our hinged doors. This stainless steel locking system engages the door and frame at three critical points, providing extra security and enhanced stability through the locking points in the head jamb, side jamb and sill of the door. Added vertical strength is a proven benefit of the shootbolt version.

Featuring premium stainless steel construction that prevents the unwelcome intrusion of rust and corrosion, Hoppe HLS®9000 Locking Systems have a proven track record. Hoppe® products have been used on the Florida coast, the Caribbean islands, Hawaii and nearly everywhere in between. Experience has shown that Hoppe® has some of the most reliable, corrosion resistant multipoint locks in the market even in these coastal environments.



FEATURES & BENEFITS

- Multiple locking points for extra security and improved weather sealing
- All stainless steel construction for superior corrosion resistance
- Proven reliability in coastal environments
- Low maintenance
- Robust stainless steel latch and dead bolt
- Integrated mishandling device protects the door and frame from accidental damage
- Made in the United States



ALL STAINLESS STEEL CONSTRUCTION

Corrosion occurs for a variety of reasons – pollution in the air, a scratched surface or the presence of moisture or salt water. Stainless steel provides excellent resistance to corrosion and defends against the constant attack of weather and time. Other sliding door locks are made from mild steel or a mix of mild steel and stainless steel. HLS®9000 Multipoint Swinging Door Hardware features all-stainless steel construction to ensure lasting performance and appearance over time.



Available Handle Styles:

Available Finishes:



Rustic Umber
(US10B)



Satin Nickel
(US15)
(pictured right)

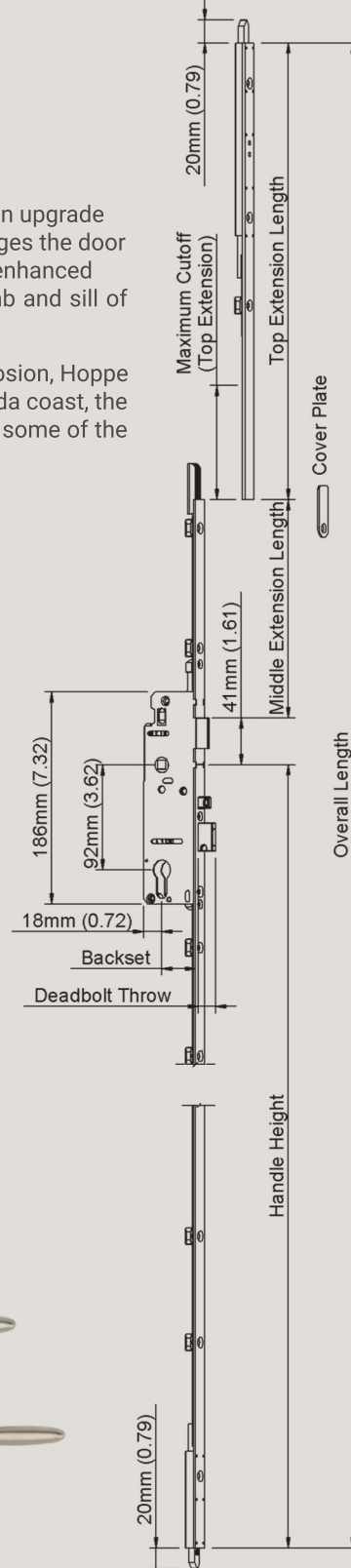


Matte Black
(US19)



Dallas
M1643/2161N
Solid Brass

Verona
M151/216N
Solid Brass



DOOR HINGES



Standard 1/4" RC1279
Hinge

We use 1279 4" x 4" Steel Plain Bearing 1/4" Radius Corner Mortise Hinges on our swinging doors.

- Solid Brass Hinges are available as an *upgrade*
- Square Corner Hinges are available as an *upgrade*

Available Finishes:



Oil Rubbed Bronze
(US10B)



Satin Chrome
(US26D)



Polished Chrome
(US26)



Satin Nickel
(US15)



Polished Brass
(US3)

SCREEN DOORS



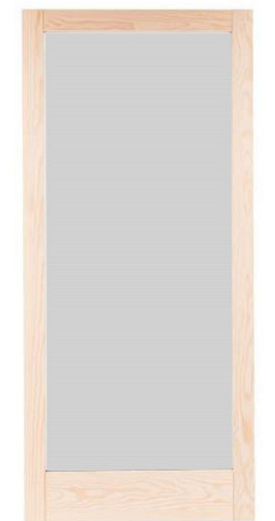
STANDARD FEATURES

DOOR PANEL

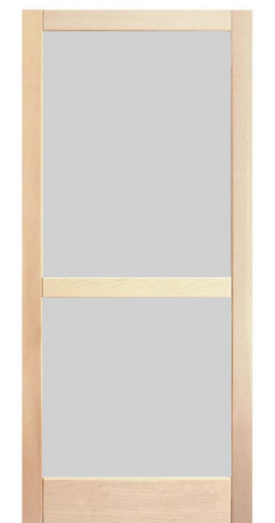
- Solid Vertical Grain Douglas Fir stiles and rails standard
 - additional species available
 - Pre-priming available
 - Wire brushing available
- 1-1/8" standard thickness
 - 1-3/8" thick available
 - 1-3/4" thick available
- Standard Screen Door layout: 3-5/8" overall stiles; 7-5/8" bottom rail on model #551; 10-1/2" overall bottom rail on model #552, 10-5/8" overall bottom rail on model #558; 3-5/8" overall vertical (or horizontal) rail(s) where applicable
- Custom layouts available

SCREEN

- Charcoal aluminum screen mesh standard
 - UltraVue® screen mesh available with aluminum insert only
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available



Screen Door Model #552



Screen Door Model #558



Screen Door Model #551



Elegant single doors; swing in or out with unique pivoting operation. Pivot doors allow for much larger, especially wider, openings. Often used as very large Entry Doors, Pivot Doors provide that WOW factor to your home, giving it a beautiful and modern first impression and curbside appeal.

Available in Stile & Rail construction (French door style) or LVL core with either horizontal or vertical planks.

STANDARD FEATURES

DOOR PANEL

- Stile & Rail Pivot Doors come standard in LVL Fir Veneer
 - additional veneer species available
 - Pre-priming available
 - Wire brushing available
- 2-1/4" thick door
- Standard minimum layout: 5" stiles and top rail on face (5-1/2" overall), 8-7/8" bottom rail on face (9-3/8" overall)
 - wider custom layouts available
- LVL Core "Plank" style Pivot Doors
 - available with horizontal or vertical planks
 - Pre-priming available
- Custom made to your design specifications

WEATHERPROOFING

- Fully weather-stripped jamb with Q-lon weatherstripping
- Double weather-stripped on top and bottom of door with Pemko bristle brush
- Available in black, white or brown

FRAME

- 6" (standard default) built up frame – 1-1/2" thick
 - 5-1/2" minimum jamb available without screen rabbet
 - additional larger jamb sizes available
- Solid oak sill standard
 - other species available
 - ADA aluminum available
- Exterior moulding available by request

GLASS

- 3/4" insulated tempered Solarban® 70 with Argon gas standard
 - other glass options available

ADDITIONAL INFO & OPTIONS

- Units shipped with frames assembled: pre-fit doors with pivots applied are shipped loose
- Handing specified from the outside looking in
- Custom lite break-ups available (marginal, craftsman, diamond, etc.)

HARDWARE | DORMA® PIVOT SYSTEMS

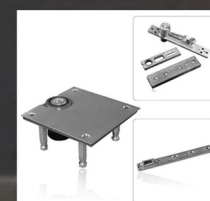
DORMA® LM SERIES

DORMA's LM Series of pivots using brass and steel are designed for long life and trouble-free operation. Each pivot and pivot set meets DORMA's exacting specifications for support of rated and nonrated high-traffic interior and exterior openings, extra-heavy doors, or lead-lined doors.



CP440 PIVOT SYSTEM (standard)

- Center hung
- 4 ft. max. overhang from pivot point
- Door weight limit of 440 lbs
- Single or double action
- Integrated into sill



CP660 PIVOT SYSTEM (upgrade)

- Center hung, Medium duty
- Door weight limit of 660 lbs
- 4 ft. maximum overhang from pivot point
- Single or double action
- Subfloor installation



CP1000 PIVOT SYSTEM (upgrade)

- Center hung, Heavy duty
- 6 ft. maximum overhang from pivot point
- Door weight limit of 1000 lbs
- Single or double action
- Subfloor installation

DORMA® BS80 SERIES (upgrade)

The BTS80 Series of floorconcealed door closers offers adaptability to almost any installation.

The closer's compact body permits its use where a larger closer would be prohibitive. Versatility allows installation in thin slab concrete subfloor construction. A wide selection of interchangeable spindles makes the BTS80 suitable for virtually any floor covering or threshold application. Because the BTS80 can control exceptionally heavy single- and double-acting doors, you can incorporate the floor closer into almost any design to meet most materials, size, and weight requirements. Trouble-free performance under adverse climatic and traffic conditions makes the BTS80 floor-concealed closer dependable and a perfect choice for even the most rigorous applications.

- A Self-Closing Hydraulic controlled floor pivot
- Center hung, Heavy duty
- Door weight limit of 660 lbs
- 4 ft. max. overhang from pivot point
- Self-closing single or double-action
- Subfloor installation





SLIDING DOORS



Our quality crafted Sliding Doors come standard with Hoppe® 2-Point locking hardware system, and are available as both Interior and Exterior Doors in French, Single Lite, Raised Panel, or Flat Panel. These doors add unmatched warmth and beauty, and become the focal point of any room in your home. They also allow for larger openings and more space in a room where a swinging door may not be practical.

STANDARD FEATURES

- FRAME**
- 5-3/8" frame (knocked down) on 2 panel (XO/OX) and 4 panel (OXXO) sliding doors
 - additional jamb sizes available
 - Solid oak sill standard
 - Aluminum sills available
 - Exterior trim must be specified as it is required to hold screen door
 - "Bald" Moulding is available if a bald look (look of no exterior moulding) is desired

- DOOR PANELS**
- Engineered Wood Core Fir Veneer standard
 - additional veneer species available
 - Solid wood and LVL Veneer available – must specify
 - Pre-priming available
 - Wire brushing available
 - 1-3/4" custom made doors – additional thicknesses available
 - Standard layout: 4-1/8" stiles and top rail on face (4-5/8" overall), 8-7/8" bottom rail on face (9-3/8" overall)
 - Custom layouts available
 - Custom made to your design specifications

- GLASS**
- 3/4" insulated tempered Solarban® 70 with Argon gas standard - other glass options available

- SCREEN DOORS**
- 1-1/8" solid wood screen door(s) standard on 2 panel (XO/OX) and 4 panel (OXXO) sliding doors
 - Screens standard with direct splined Charcoal Aluminum screen mesh
 - Aluminum insert optional
 - available in White, Brown or Mill finish
 - UltraVue® screen mesh available
 - Bronze wire mesh available (90% Copper/10% Zinc)
 - Charcoal wire mesh available

- HARDWARE**
- Hoppe HLS® 9000 2 point locking hardware system standard (see boxed section for more information)
 - Heavy-duty double-tandem adjustable ball bearing wheels
 - See "Hardware" section, next page, for hardware images, available finishes and styles, and additional information

- WEATHERPROOFING**
- Fully weather-stripped with compression Q-Lon weather-stripping
 - Available in black, white or brown

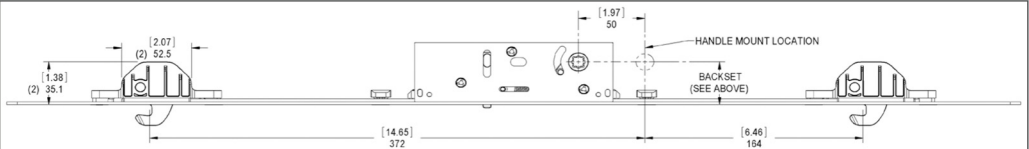
HOPPE HLS® 9000 2-POINT LOCKING HARDWARE

Handle Style:	Available Finishes:		
			
Verona M151/216N Solid Brass	Rustic Umber (US10B)	Satin Nickel (US15)	Matte Black (US19)

- FEATURES & BENEFITS**
- Stainless Steel is highly corrosion resistant
 - Retractable hooks create a clean look on the door and jamb when open
 - Two point locking system allows for optimum locking point contact with the jamb to assure passing the most stringent forced entry testing
 - Mishandling device prevents retractable hooks from accidentally firing and potentially damaging hardware, door or frame
 - Manual lock operation eliminates inadvertent locking of the door
 - Limited Lifetime Mechanical Warranty
 - Available in 30mm & 35mm backset
 - Full-length faceplate available to cover continuous
 - Faceplate with radius at top and bottom available for simplified door edge preparation on tall doors
 - Easily adjustable strikes help solve the problem of door panel movement or settling of the house
 - Exceeds current 100,000 operational cycle testing requirements

SLIDING DOOR TRIM FEATURES & BENEFITS

- | | |
|---|--|
|  | <ul style="list-style-type: none">• Solid brass forged handles and backplates• Single design theme means corresponding finishes and styles for both sliding and hinged doors• Spring assist for easy locking of the system• Locked or unlocked status of door can be easily seen from a distance due to 90 degree cylinder operation• Matching dummy trim available for passive panel door |
|---|--|
- Resista® finishes have a Limited Lifetime Finish Warranty



RADIUS & CUSTOM SHAPES



RADIUS WINDOWS & DOORS



We offer a wide range of radius options on all our window and door products. Whether it be a true radius top (not available on all products), an interior radius top or radius barwork, custom radius work allows any customer to personalize their home.

RADIUS TOP OPTIONS & FEATURES

- Half Circle
- Eyebrow
- Gothic
- Segment Head
- Elliptical
- All radius top options above available as:
 - "Inside" (radius) - Square frame and sash with an arched top rail (ex. *Inside Segment Head* or *Inside Eyebrow*)
 - "Quarter" (radius), (ex. *Quarter Circle* or *Quarter Ellipse*)
- Pivot and Sliding doors not available with radius top
- Radius jambs with bent lamination technique for a cleaner, more custom and finished look
- Radius Interior and/or Exterior Trim additional

RADIUS DOORS

- All hinged doors (Entry, Patio, Dutch, French Combo) available with radius top (not available on Pivot or Sliding doors)
 - Radius book screens doors available
- All door products available with "Inside" radius door panels
- Radius Interior and/or Exterior Trim additional

RADIUS WINDOWS

- Only Casement, Hidden Balance Double Hung and Fixed windows available with radius top
- All window products available with "Inside" radius sash
- Radius top windows do *not* come standard with screens
 - Radius wood screens additional
- Full Circle and Oval Windows (Fixed or Operable Pivot) also available
- Radius Interior and/or Exterior Trim additional

RADIUS RAILS & BARWORK

- All our window and door products are available with radius rails and/or barwork

GLASS

- 3/4" insulated tempered Solarban® 70 with Argon gas standard
 - other glass options available

ADDITIONAL INFO & OPTIONS

- Drop (measurement from top of door to spring line) must be specified
- Units shipped assembled
- Custom lite and panel break-ups available
- Hanging specified from the outside looking in



Half Circle Entry Door & Fixed Sidelites (Continuous Radius)



Entry Door with Inside Segment Head, Radius Lock Rail and Fixed Sidelites



Half Circle Fixed Transom with Spoke TDL & Radius Bars muller above a Fixed Window



Gothic Head Fixed Window with custom Gothic TDL Bars



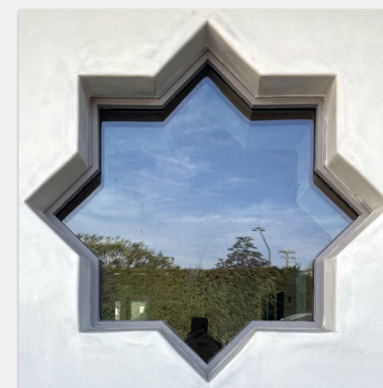
CUSTOM SHAPES



Make your home truly unique with custom shape **solid wood** windows and doors. From Quatrefoil windows often found in spanish architecture, to geometric shapes like Triangle, Gable, Rake and Trapezoid windows allowing you let light in all the way up to your roof line, our custom shape units will make your home stand out!

SHAPE OPTIONS & FEATURES

- Gable
- Isoseles Triangle
- Hexagon
- Rake
- Right Triangle
- Starburst
- Trapezoid
- Octagon
- Custom shape windows are only available as Sash Set or Direct Set Fixed (non operable) - see your dealer for possible operable options
- Interior and/or Exterior Trim additional



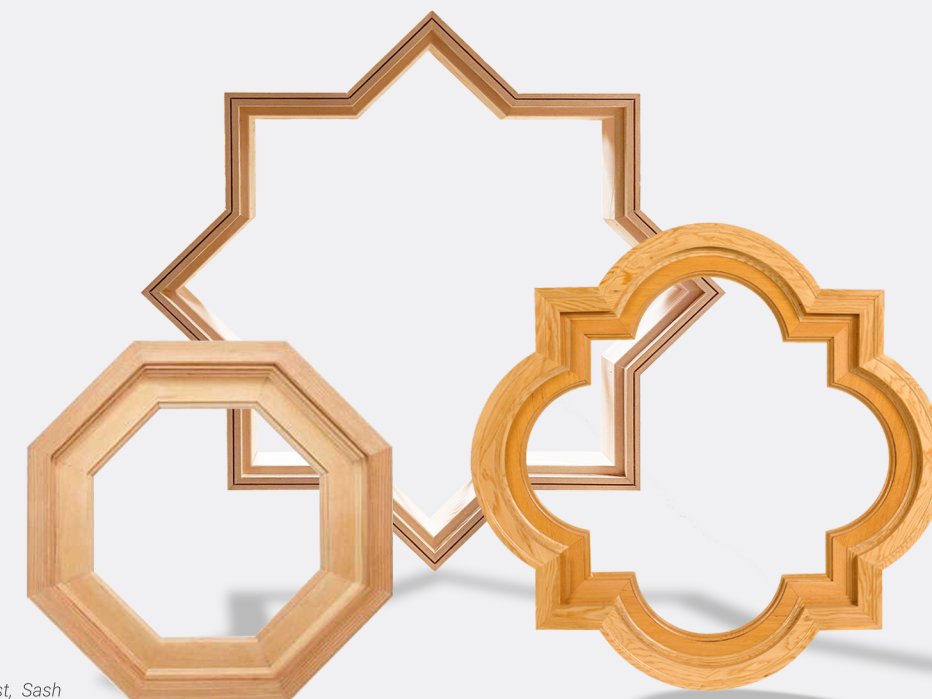
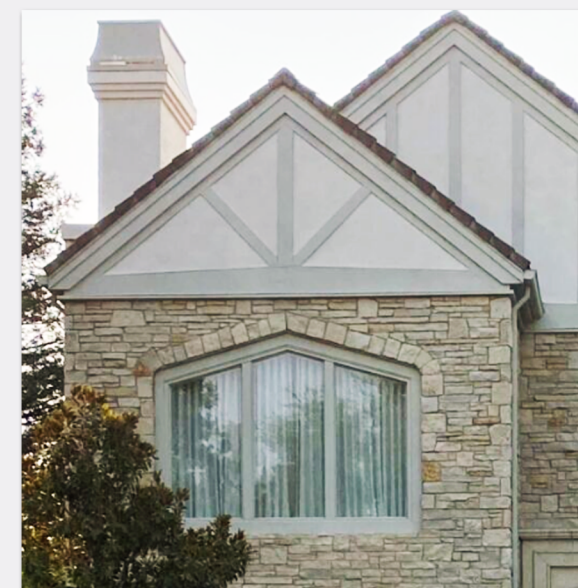
Direct Set Starburst Window

PANELS, RAILS & BARWORK

- All our window and door products are available with custom shape barwork and/or panels and rails (on doors)



Walnut Book Door with custom shaped panels



From top clockwise: Direct Set Starburst, Sash Set Quatrefoil and Sash Set Fixed Octagon

WOOD SPECIES



ACCOYA®

Accoya is the world's leading high technology wood. Accoya wood is produced from sustainably sourced, fast growing softwood (Radiata Pine) using a non-toxic modification process from the surface to the core. The result: a durable, stable and beautiful material with the performance characteristics of the most durable tropical hardwoods but with industry-leading environmental credentials. Accoya wood is as durable as the best tropical hardwoods. It also paints extremely well.



CLEAR ALDER

Alder is the leading hardwood of the Pacific Northwest. Alder, a relative of birch, is almost white when freshly cut but quickly changes on exposure to air, becoming light brown with a yellow or reddish tinge. Heartwood is formed only in trees of advanced age and there is no visible boundary between sap and heartwood. The wood is fairly straight-grained with a uniform texture. Alder machines well and is excellent for turning. It can be painted or stained to a good finish. When stained, it blends with walnut, mahogany or cherry. Knotty Alder is a lower grade that will contain knots. Knotty Alder is commonly used for the southwest look.



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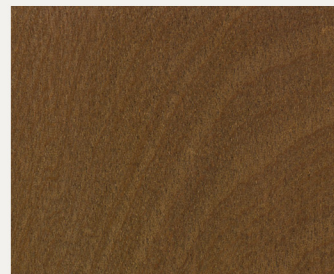
CHERRY

Like all fruit trees, cherry belongs to the rose family. American colonists used the cherry tree for its fruit, medicinal properties and home furnishings. The heartwood of cherry varies from rich red to reddish brown and will darken with age and on exposure to light. The wood has a fine uniform, straight-grain, satiny, smooth texture, and may naturally contain brown pith flecks and small gum pockets. Cherry is easy to machine, nails and glues well and when sanded and stained, it produces an excellent smooth finish.



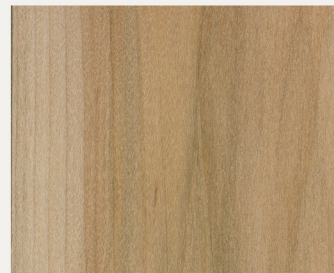
DOUGLAS FIR (COBB CUSTOM STANDARD)

Douglas Fir grows throughout Western forests with the most abundant region being in coastal climates of Oregon, Washington and northern California. Fir's light rosy color is set off by its remarkably straight and handsome grain pattern. Sap wood is white to pale yellow; heartwood is russet with high contrast between the springwood and summerwood. Douglas Fir doors, manufactured from the products in the Factory and Shop grade classification, are renowned for their beauty and performance.



SAPELE MAHOGANY

Slightly heavier and finer grained than Honduras Mahogany, African Sapele species is also known as Sapele Mahogany because of its easy workability. Originating from Africa, this species has beautiful, lustrous iridescence with warm colors that range from red to golden brown. It has interlocked grain or straight grain, often with a ribbon figure. Sapele is stable in use with uniform texture, and stains and polishes to an excellent finish. This highly sought after exotic hardwood is the ideal choice for your woodworking projects.



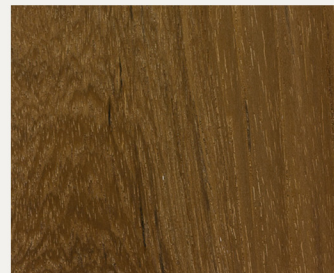
SOFT RED MAPLE

Maple has been a favorite of American furniture makers since early colonial days. Don't be fooled by the name, most species of soft maple have a hardness and density near black walnut or black cherry - two highly regarded cabinet woods in North America. Soft is a relative term, and is only used to differentiate it from hard maple. For many applications, soft maple's hardness is sufficient, and its reduced density generally means it's easier to work with and machine than hard maple. The sap wood is creamy white with a slight reddish brown tinge. The wood has a close fine, uniform texture and is generally straight-grained. Maple can be stained to an outstanding finish and polishes well.



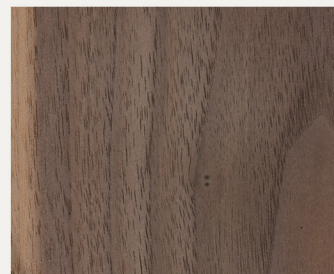
RED OAK

The oaks have been key in America's industrial transformation: railroad ties, wheels, plows, looms, barrels and of course, furniture and doors. The sap wood of red oak is white to light brown and the heartwood is a pinkish reddish brown. The wood is similar in general appearance to white oak, but with a slightly less pronounced figure due to the smaller rays. The wood is mostly straight-grained, with a coarse texture. Red oak machines well and it can be stained to a good finish with a wide range of tones.



TEAK

With its superb stability and durability, good strength properties, easy workability - and most of all, its outstanding resistance to decay and rot - it's no wonder that teak ranks among the most desired lumbers in the world. Teak's heartwood tends to be a golden or medium brown, with color darkening with age. The wood has a medium to fine texture and is straight-grained; and has a comparatively uniform texture. It takes and holds paint, enamel and stain exceptionally well. Teak has a coarse, uneven texture and moderate to low natural luster. Raw, unfinished wood surfaces have a slightly oily or greasy feel due to natural oils. Teak is also resistant to termites.



WALNUT (BLACK)

Walnut is a prized species for veneer panels, doors, furniture and cabinetry, with a warm, rich, high-quality appearance. The heartwood of walnut is light brown to dark chocolate brown, occasionally with a purplish cast and darker streaks. The wood develops a rich patina that grows more lustrous with age. The wood is generally straight-grained, but sometimes with wavy or curly grain that produces an attractive decorative figure. This species produces a greater variety of figure types than any other. Walnut is easy to work with and it holds paint and stain very well for an exceptional finish.



WHITE OAK

Strong, beautiful, rot-resistant, easy to work, and economical: white oak represents an exceptional value to woodworkers. It's no wonder that the wood is so widely used in cabinet and furniture making. Heartwood is a light to medium brown, commonly with an olive cast. Grain is straight, with a coarse, uneven texture. Rated as very durable; frequently used in boatbuilding and tight cooperage applications. White Oak produces good results with hand and machine tools, but has moderately high shrinkage values, resulting in mediocre dimensional stability, especially in flatsawn boards. It can react with iron (particularly when wet) and cause staining and discoloration. Glues, stains, and finishes well.



GLASS OPTIONS

At Cobb Custom our we use ¾” insulated Solarban® 70 with Argon gas as our standard on all our window and door units.

SOLARBAN® 70 SOLAR CONTROL LOW-E GLASS

Windows made with Solarban® 70 glass give today’s homeowners the ultimate solar control glass on the market. Solarban® 70 glass is the industry’s first triple silver low-e coating and is still the most advanced low-e coating available today. Solarban® 70 glass blocks nearly ¾ of the sun’s heat energy while allowing more than 60% of daylight to pass through. This winning combination helps cut summer cooling costs and reduces energy expenses related to indoor lighting while simultaneously protecting furniture, fabrics and carpets from fading.

But the potential energy savings don’t stop there. Even in cold climates—nighttime or daytime—the performance of Solarban® 70 low-e glass with its improved U-value helps to cut winter heat loss from residential windows in half compared to ordinary clear glass.

When you want windows that provide the ultimate in energy savings—with a clear glass view that lets the natural light in and reduces solar heat gain—ask for Solarban® 70 glass by Vitro Glass.

GLASS COMPARISON				
Solarban® 70 insulating glass unit vs. standard insulating glass unit				
	Standard Clear Insulated Glass Unit (IGU)	Solarban® 70 (2) + Clear IGU)	Benefits	
Solar Heat Gain Coefficient (SHGC)	0.75	0.26	Transmits 64% less solar energy to help keep homes cooler in the summer and reduce cooling energy costs	
Visible Light Transmittance (VT)	81%	63%	Allows high level of visible light transmittance and exterior clear glass appearance	
U-Value	0.48	0.24	Insulates as much as 50% better than standard clear insulating glass	
Ultraviolet Energy	58%	4%	Blocks 94% of UV energy, a common contributor to fabrics, carpet and furniture fading	
Damage Weighted Transmittance*	0.74	0.43	Minimizes the total potential for fading damage by 42%	

*Damage Weighted Transmittance is calculated according to a function called Tdw-ISO, developed by the International Standards Organization (ISO) and published by the International Commission on Illumination (CIE), the world’s leading technical organization on lighting and illumination. The Tdw-ISO calculation measures fading risk from solar radiation across the entire solar light spectrum, from UV light (280-380 nanometers) through visible light (390-780 nanometers). According to the CIE standard, which is considered more comprehensive than UV rating alone, Solarban® 70 glass can minimize fading damage across the entire solar spectrum more effectively than glass designed primarily to block UV light.

All comparisons are center of glass based on an insulating unit containing 3/4” insulating units; two 1/8” (3mm) glass lites and a 1/2” (12mm) air-filled space for the standard clear insulating glass and 90% argon gas-filled space for the Solarban® 70 insulating glass. Actual glass performance may differ due to glass thickness, gas fill and glass to frame ratio.



CLEAR

TINTED GLASS



BRONZE

A clear, mostly transparent glass with light bronze under-tones.



GREY

A clear glass treatment with a subtle grey hue that is fully transparent.



WHITE LAMINATE

This safety glass is made by sandwiching a white film between clear panes. (Clear laminate also available.)

PATTERNED DECORATIVE GLASS



BAMBOO

A unique pattern with vertical bamboo reeds and leaves. Fairly opaque.



BEVELED CLEAR

A clear, tempered glass with a striking beveled edge.



DELTA FROST

A fairly opaque, frosted glass treatment with a unique, random texture.



DOUBLE GLUECHIP

Glue chipped twice to obtain a denser, more concealing look than standard glue chip.



GLUECHIP

A stylish frosted treatment that is fairly opaque.



HEAVY WATER

A clear pane with a distorted treatment that gives the illusion of being under water.



BRONZE GRIDS (IN BTW IG UNIT)

Insulated glass divided by a bronze internal grid to simulate multiple lites.



MONUMENTAL (SNOWFLAKE)

A semi-transparent with a distinctive pattern offers privacy and natural light.



OBSCURE (P516)

A pebbled or orange peel treatment that is mostly opaque.



RAIN

A vertical treatment resembling raindrops that is fairly opaque.



REEDED

An elegant vertical line treatment that is fairly transparent. (1/2” flutes)



SATIN

Light and privacy combine in this translucent, semi-opaque glass treatment.



SCREENLITE

A tight criss cross treatment on a clear glass pane that is mostly opaque.



SEEDY BAROQUE

Clear glass with a scattered look, baroque wash and asymmetrical curves.



SYCAMORE

Leaf impressions offer soft obscurity while allowing an abundance of light in



TAFETTA

Reminiscent of fabric, this radiant glass offers privacy without obscuring natural light.

STARPHIRE® ULTRA-CLEAR (LOW IRON)

Clearer than “Clear” glass (no green hue!), low-iron glass provides brilliant clarity and true-to-life views of the outdoors, unlike conventional glass. Its high visible light transmittance (>91% at 6mm) and its brilliant azure edge are two characteristics unique to Starphire® low-iron glass. This glass has the same strength, hardness and resistance to scratching as clear alternatives.

Available tempered, laminated and in heavy thicknesses. Most patterned decorative glass types are available in Starphire ultra-clear low iron glass as well. Call your local dealer for more information.





COBB CUSTOM
WINDOWS & DOORS

Cobb Custom Windows & Doors

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www.CobbCustom.com



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