

WINDOW
ACCCESSORY
COMPANY
INCORPORATED



*“The Finest In
Between-Glass Venetian Blind Technology”*

About Window Accessory Company, Inc.

Window Accessory Company, Inc. Between-Glass Metal Venetian Blinds offer the ultimate in functionality and aesthetics in window design. These high quality blinds become a permanent part of the double (or triple) glazed window system. They offer long lasting beauty and the best in pure sun control, while requiring virtually no maintenance. The addition of between-glass blinds will also improve acoustic and thermal performance.

Window Accessory Company, Inc. (WACI) began operations in 1989 with the goal to provide the finest between-glass venetian blinds and accompanying hardware. Twenty five years of window and between-glass venetian blind design experience, combined with a skilled staff and creative engineering processes, aided in the company's success.

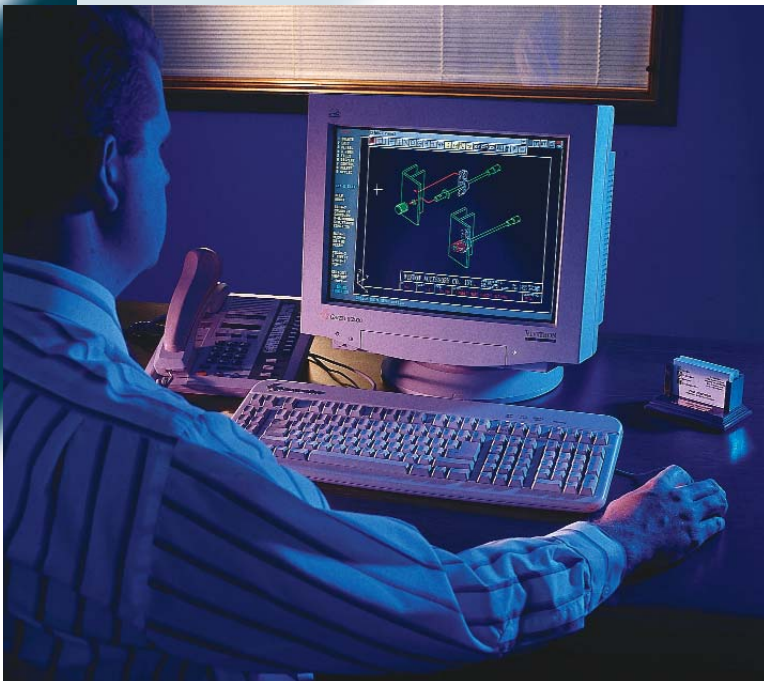
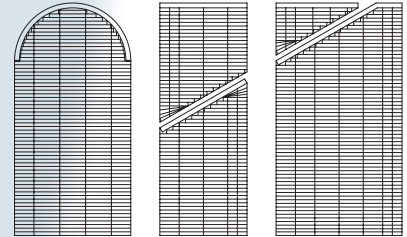
Today WACI has an expanded product line, has increased production capabilities and has relocated to a new, technologically innovative, 19,250 square foot facility. The size, color and design of our products change to meet the needs of each customer, while our goal — to be the finest — always remains the same.



Mike Tatro, President/General Manager

Custom Design Capabilities

Special Shapes?
No Problem!



Window Accessory Company, Inc. offers both a standard and custom line of blinds and hardware. WACI Between-Glass Metal Venetian Blinds are available in either 1" or 5/8" width slats for use in a wide variety of window designs. 16 appealing colors are offered as standard, and custom colors are available for special projects. In addition, WACI offers dozens of standard tilt control options and an evolving line of specialty hardware. Every blind we produce is manufactured to meet our customers' specific needs.

As you begin your construction layout, consult with one of our experts who will work with you to design the best window blind product for your individual needs. When your design is finished, we can supply you with an AutoCAD™ file of the custom design for insertion in your window details. From idea to computer-aided design, from individualized production to shipment, Window Accessory Company, Inc. takes an ordinary product and process and makes it extraordinary.

Manufacturing & Quality Control



Each component of WACI Between-Glass Metal Venetian Blinds is designed for long life and smooth operation. Highest quality, standard features include:

- Extruded aluminum headrails and bottomrails
- A slip clutch mechanism to minimize damage due to overtilting the blinds
- Virgin aluminum alloy slats finished with an organic primer and a baked-on enamel finish coat
- Convenient snap-in installation system
- Corrosion resistant components throughout

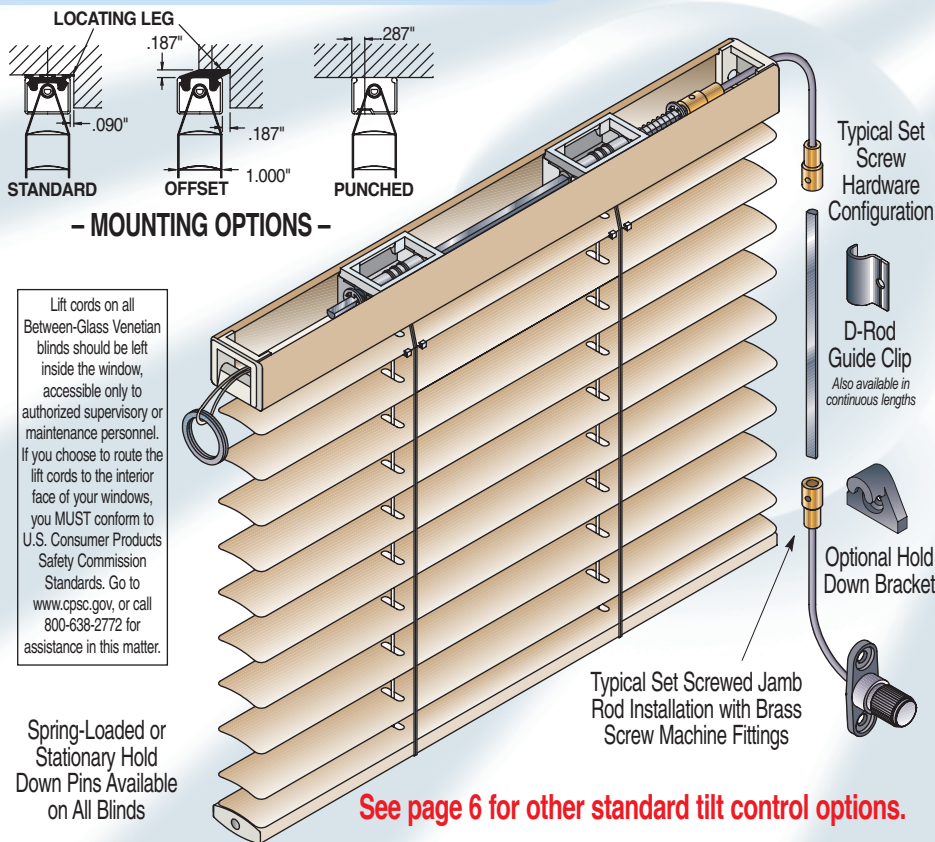
After production, each WACI blind is individually inspected to insure maximum quality. When cycle tested, WACI blinds have consistently exceeded 80,000 cycles prior to any kind of blind or hardware failure. WACI's rigid quality control standards guarantee that you'll get between-glass venetian blinds of the highest quality.



Prior to shipment, the finished product is individually packaged in a plastic sleeve and boxed for maximum protection. This process keeps the blinds in the same condition as when they left our factory.

1000 Series (1") Metal Between-Glass Venetian Blind

See Page 5 for Optional Set Screwless Hardware



Lift cords on all Between-Glass Venetian blinds should be left inside the window, accessible only to authorized supervisory or maintenance personnel. If you choose to route the lift cords to the interior face of your windows, you MUST conform to U.S. Consumer Products Safety Commission Standards. Go to www.cpsc.gov, or call 800-638-2772 for assistance in this matter.

Spring-Loaded or Stationary Hold Down Pins Available on All Blinds

See page 6 for other standard tilt control options.

Differences Between 1" and 5/8" Blinds

When deciding between 1" and 5/8" blinds, please note:

- **COST**
1" blind is less expensive
- **AIR-SPACE DIFFERENCES**
1" blind requires a minimum airspace of 1-1/8"
5/8" blind requires a minimum airspace of only 3/4"
- **THICKNESS OF SLAT**
1" blind uses a more resilient slat that is .008" thick
5/8" blind uses a slat that is .006" thick (Once the blinds are safely installed within the window, resiliency is not an issue as the blinds are protected by the glazing materials in your window system.)
- **AESTHETICS**
Due to the thinner slats, the 5/8" blind is easier to look through in the open position – see photos below right.

1000 Series – (1") Architectural Guide Specifications

SECTION:

8520 - Aluminum Windows
8600 - Wood Windows

PART 1 - GENERAL

Paragraph 2 - Window Components
Sub-Paragraph
- Venetian Blinds

Headrail

Headrail shall be 1.085" wide x .875" high x .050" thick 6063-T5 extruded aluminum with a baked-on polyester powder coat finish conforming to AAMA specification #603.8-1985 voluntary specification for organic coatings on architectural extrusions.

Bottomrail

Bottomrail shall be 1.000" wide x .375" high x .050" thick 6063-T5 extruded aluminum with a baked-on polyester powder coat finish conforming to AAMA specification #603.8-1985 voluntary specification for organic coatings on architectural extrusions.

Slat Stock

Slat shall be .008" thick virgin aluminum alloy. Slats to be finished with organic primer and baked-on enamel finish coat to withstand 500 hours of exposure to 100% relative humidity, 300 hours at 20% salt spray solution at 95°F, and 250 hours of accelerated weathering without blistering, fading, or corroding. Color to be from standard color chart as selected by the architect.

Ladder Cord

Shall consist of braided synthetic yarn designed to have maximum flexibility and tensile strength. Ladder cord locations shall not exceed 6" from the end of the slat or 24" apart.

Ladder/Tape Drum Support

Ladder/Tape Drum Support shall be constructed of plastic material to prevent corrosion. All lift cords shall be guided by the Ladder/Tape Drum Support over a plated steel pin assembly to minimize wear on the lift cords and facilitate the operation of raising and lowering the blind. Routing the lift cords over a plastic surface shall not be allowed. Ladder/Tape Drum supports shall be held in place by a snap-on clip to ensure that they are firmly secured in position.

Lift Cord

Consists of braided synthetic yarn with a minimum tensile strength of 130 lbs. Lift cords shall be securely fastened to the bottomrail at a distance not to exceed 48" between cords. Standard lift cord shall have a zinc plated steel lift ring at the end to secure the blind in the "up" position during shipment of windows. Ring diameter shall not exceed .875". Lift cord shall run over a .187" diameter zinc plated steel pin in the headrail end cap to minimize wear on the cord and headrail end cap.

Mounting Hardware

Standard mounting shall be accomplished using a 33% glass filled nylon mounting clip designed to match the profile of the headrail allowing the headrail to be "snapped" into place, and be removable.

Optional methods of installation to be a punched and dimpled hole in the headrail, or offset snap-in clip.

Tilt Control Knob

Standard tilt control knob shall be a maximum diameter of .500" with serrations around its perimeter to facilitate operation. Tilt knob shall be designed to be fastened to the window using #10 pan head or #8 truss head fasteners.

Many other tilt knob options also available.

Flexible Cables

Flexible cable operators shall be constructed using brass or bronze coated high tensile steel wire wound in four layers to an outside diameter of .130". Brass fittings on the ends of the flexible cables shall not be less than .3125" in diameter. All fittings shall be crimped in six locations onto flexible cables to insure that the fittings will not work loose from the end of the cable under normal use conditions. Exposed cable shall be sheathed in .015" thick weatherstrip grade vinyl. Cables attach to D-shaped steel control rod using #4-40 stainless steel set screws. Standard length of finished cables shall be 6".

Optional fiberglass reinforced cable fittings which are molded directly onto the flexible cables can be specified so that jamb rods can be installed without the use of set screws.

Slip Mechanism

Blind shall be designed with a slip mechanism which will minimize damage due to over tilting the blind. When the blind reaches its closed position and the tilt knob is turned, there will be no damage to the blind or its operational hardware.

The slip mechanism shall be accomplished by utilizing a 33% glass filled nylon tape drum assembly which will minimize discoloration of the ladder cord during long term operation.

Tilt Rod Assembly

The spring loaded tilt assembly within the headrail shall be designed to allow approximately 1" lateral movement of the tilt rod away from the control end of the headrail.

Tape Spacers

Clear plastic spacers shall be used on the top slat at all ladder locations to insure proper tilting and alignment of the blind. Clear plastic injection molded tape spacers shall be used to eliminate scratches on the headrail and the second slat.

Continued efforts in product improvement may change specifications.

625 Series

1000 Series



625 Series (5/8") Metal Between-Glass Venetian Blind

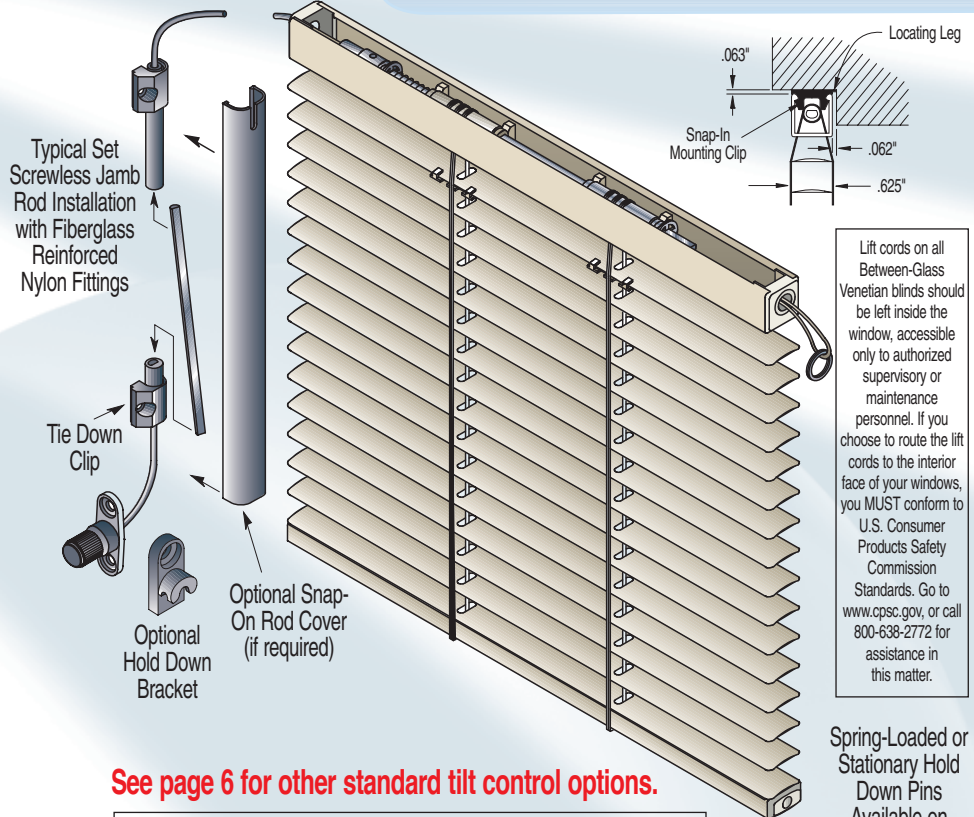
Quality Standard Features

WACI blinds are made with .008" thick slats on 1" blinds, and .006" thick slats on 5/8" blinds. All slats are finished with an organic primer and a baked-on enamel finish coat. This finish is designed to withstand 500 hours of exposure to 100% relative humidity and 300 hours at 20% salt spray weathering without blistering, fading or corroding.

Our extruded aluminum rails are much more rigid than conventional thin rolled steel rails and they can be installed using our convenient snap-in mounting clips. Extruded aluminum is also less prone to corrosion in the extreme environment created between glass.

All WACI blinds are designed to operate using flexible cables constructed of brass or bronze coated high tensile strength steel wire wound in four layers to an outside diameter of .130". Blinds can be installed using brass fittings and stainless steel set screws on the ends of the cables, or fiberglass reinforced nylon fittings which are injection molded directly onto the flex cables. If the injection molded nylon fittings are used, the jamb rods can be installed without the use of set screws.

See Page 4
for Optional Set Screwed
Hardware



Lift cords on all Between-Glass Venetian blinds should be left inside the window, accessible only to authorized supervisory or maintenance personnel. If you choose to route the lift cords to the interior face of your windows, you MUST conform to U.S. Consumer Products Safety Commission Standards. Go to www.cpsc.gov, or call 800-638-2772 for assistance in this matter.

Spring-Loaded or Stationary Hold Down Pins Available on All Blinds

See page 6 for other standard tilt control options.

Note: 625 Series Blinds larger than 15 square feet may not close as tightly as smaller units.

625 Series – (5/8") Architectural Guide Specifications

SECTION:
8520 - Aluminum Windows
8600 - Wood Windows

PART 1 - GENERAL
Paragraph 2 - Window Components
Sub-Paragraph - Venetian Blinds

Headrail
Headrail shall be .625" wide x .650" high x .050" thick 6063-T5 extruded aluminum with a baked-on polyester powder coat finishing conforming to AAMA specification #603.8-1985 voluntary specification for organic coatings on architectural extrusions.

Bottomrail
Bottomrail shall be .625" wide x .375" high x .050" thick 6063-T5 extruded aluminum with a baked-on polyester powder coat finish conforming to AAMA specification #603.8-1985 voluntary specification for organic coatings on architectural extrusions.

Slat Stock
Slat shall be .006" thick virgin aluminum alloy. Slats to be finished with organic primer and baked-on enamel finish coat to withstand 500 hours of exposure to 100% relative humidity, 300 hours at 20% salt spray solution at 95°F, and 250 hours of accelerated weathering without blistering, fading, or corroding. Color to be from standard color chart as selected by the architect.

Ladder Cord
Shall consist of braided synthetic yarn designed to have maximum flexibility and tensile strength. Ladder cord locations shall not exceed 5" from the end of the slat or 16" apart.

Ladder/Tape Drum Support
Ladder/Tape Drum Support shall be constructed of plastic material to prevent corrosion. All lift cords shall be guided by the Ladder/Tape Drum Support over a plated steel cord pin assembly to minimize wear on the lift cords and facilitate the operation of raising and lowering the blind. Routing the lift cords over a plastic surface shall not be allowed.

Lift Cord
Consists of braided synthetic yarn with a minimum tensile strength of 130 lbs. Lift cords shall be securely fastened to the bottomrail at a distance not to exceed 32" on blinds larger than 15 square feet and 48" on blinds smaller than 15 square feet. Standard lift cord shall have a zinc plated steel lift ring at the end to secure the blind in the "up" position during shipment of windows. Ring diameter shall not exceed .682". Lift cord shall run through a .225" inside diameter plated steel eyelet in the headrail end cap to minimize wear on the cord and headrail end cap.

Mounting Hardware
Standard mounting shall be accomplished using a 33% glass filled nylon mounting clip designed to match the profile of the headrail allowing the headrail to be "snapped" into place, and be removable.

Tilt Control Knob
Standard tilt control knob shall be a maximum diameter of .500" with serrations around its perimeter to facilitate operation. Tilt knob shall be designed to be fastened to the window using #10 pan head or #8 truss head fasteners.

Many other tilt knob options also available.

Flexible Cables
Flexible cable operators shall be constructed using brass or bronze coated high tensile steel wire wound in four layers to an outside diameter of .130". Brass fittings on the ends of the flexible cables shall not be less than .3125" in diameter. All fittings shall be crimped in six locations onto flexible cables to insure that the fittings will not work loose from the end of the cable under normal use conditions. Exposed cable shall be sheathed in .015" thick weatherstrip grade vinyl. Cables attach to D-shaped steel control rod using #4-40 stainless steel set screws. Standard length of finished cables shall be 6".

Optional fiberglass reinforced cable fittings which are molded directly onto the flexible cables can be specified so that jamb rods can be installed without the use of set screws.

Slip Mechanism
Blind shall be designed with a slip mechanism which will minimize damage due to over tilting the blind. When the blind reaches its closed position and the tilt knob is turned, there will be no damage to the blind or its operational hardware.

The slip mechanism shall be accomplished by utilizing a 33% glass filled nylon tape drum assembly which will minimize discoloration of the ladder cord during long term operation.

Tilt Rod Assembly
The spring-loaded tilt rod assembly within the headrail shall be designed to allow approximately 1" lateral movement of the tilt rod away from the control end of the headrail.

Tape Spacers
Clear plastic tape spacers shall be used on the top slat at all ladder locations to insure proper tilting and alignment of the blind. Clear plastic injection molded tape spacers shall be used to eliminate scratches on the headrail and the second slat.

Continued efforts in product improvement may change specifications.

625 Series

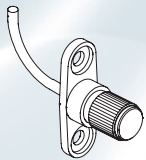
1000 Series



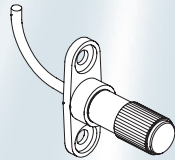
Tilt Control Options

All tilt control options can be used with either our 1" or 5/8" between-glass venetian blind systems (window design permitting). A cycle tested, slip clutch mechanism is standard on all blinds.

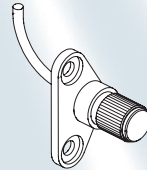
WACI currently offers 28 different standard tilt control options to facilitate installation of our products into a large variety of window designs. Several of our tilt control options can be provided with a rubber o-ring air seal to prevent air infiltration into the space between the glass. Our innovative engineers will work with window manufacturers to design special hardware to meet their needs.



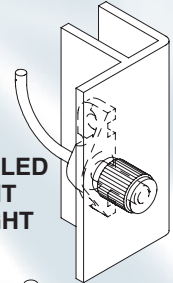
STRAIGHT



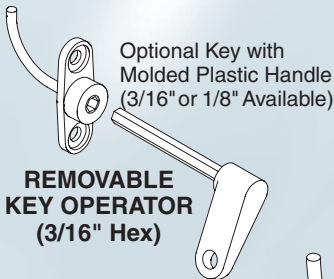
EXTENDED STRAIGHT



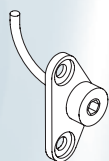
OFFSET STRAIGHT



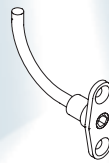
CONCEALED MOUNT STRAIGHT



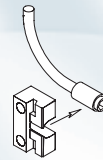
REMOVABLE KEY OPERATOR (3/16" Hex)



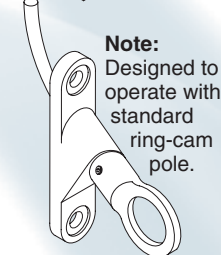
OFFSET REMOVABLE KEY (3/16" Hex)



MINIATURE REMOVABLE KEY OPERATOR (1/8" Hex)

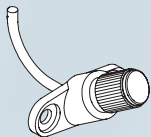


CONCEALED REMOVABLE KEY OPERATOR (1/8" Hex)

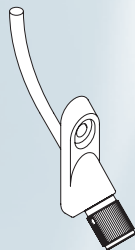


WHITE BRONZE POLE OPERATOR

Note: Designed to operate with standard ring-cam pole.



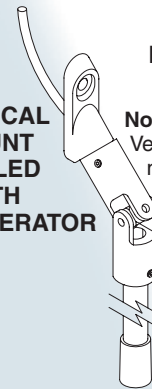
HORIZONTAL MOUNT ANGLED



VERTICAL MOUNT ANGLED

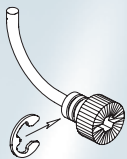


VERTICAL MOUNT ANGLED WITH HEX KNOB (7/16" Hex)

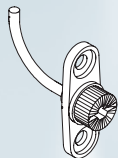


VERTICAL MOUNT ANGLED WITH WAND OPERATOR

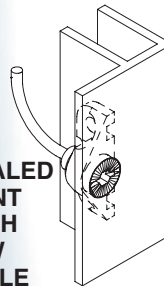
Note: Vertical Mount Wand is not recommended in high-stress applications, such as schools. The polymeric universal joint can be damaged if abused.



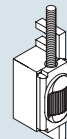
LOW PROFILE



SURFACE MOUNTED LOW PROFILE



CONCEALED MOUNT FLUSH LOW PROFILE



VERTICAL THUMBWHEEL
Note: Available in right or left hand configurations.

NEW OPTIONS BEING DEVELOPED CONSTANTLY
See our website at: www.windowaccess.com for the most current design options

Specialties

When a project involves specialty blinds, Window Accessory Company, Inc. is the name to trust. In addition to our standard line, WACI manufactures:

- Specially shaped blinds; including round top, angled top, angled bottom, trapezoidal...
- Motorized blinds
- Special hardware to meet specifications

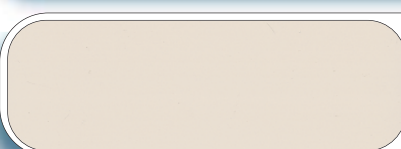
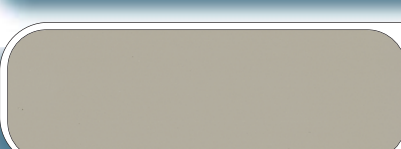
At Window Accessory Company, Inc. we stay ahead of the competition by continuously expanding our design capabilities. We have over twenty years of experience developing blinds and hardware for special projects around the world.



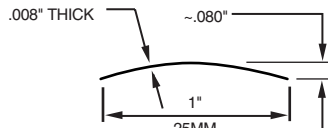
Metal Blind Color Selector

WACI offers 16 standard colors for both the 1" (25mm) and 5/8" (15mm) between-glass metal venetian blinds to complement nearly any window system finish and interior design. In addition, custom colors are available at additional cost. If color match is critical, submit a color chip with your request for quotation and WACI will match your custom color.

If color match is critical, please request a color selector of actual slat samples.

	TRUE * WHITE
	ALABASTER
	ANTIQUE WHITE
	SAND
	FAWN
	PEBBLE TAN
	GREIGE
	GRANITE

	OFF * WHITE
	GRAY
	SILVER *
	PURE SILVER
	PEWTER
	DARK GRAY
	BRONZE
	UMBER



1000 Series (1"/25mm)

← ACTUAL SLAT SHAPE →

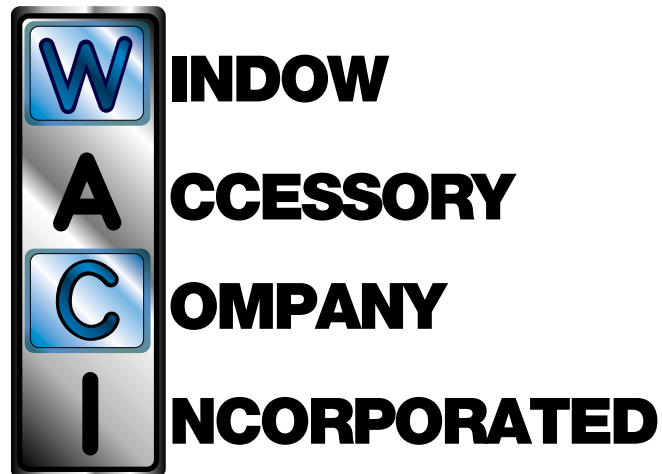
– Slight color variations may occur from paint lot to paint lot –



625 Series (5/8"/15mm)

* True White, Off White and Silver have a glossy finish, all others are matte.

*“We Thank You for the
Opportunity to Serve.”*



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