

**1. How do I determine the size of unit to order?**

There are three ways to specify the size of a garden window:

**GWID**

*(Garden Window Inside Dimension)*

The innermost dimensions of the garden window framing, both width and height, or daylight opening.

**FO**

*(Finished Opening)*

For width, dimension from face of wall surface to face of wall surface on the inside jamb returns.

For height, dimension from the face of wall surface on the head return to the face of the material on the sill return.

**RO**

*(Rough Opening)*

Dimension of buck, or framing opening (both width and height).

**Note:** Since there is adequate reveal on both width and height of the vinyl framing on the interior, these units can be raised, lowered or moved side to side to accommodate repositioning, if needed.

**2. Do I have to order insulboard?**

It is highly recommended that insulboard (with an "R" value of 5) be installed under the seat board to increase the "R" value to 6.22. **Insulboard must be installed on all painted units.**

**3. How much clearance do I have between the seatboard and the operator: Do I have room to lay tile or granite over the seatboard?**

The clearance between the seatboard and the operator is 1.313"

**4. How far does the unit project from the wall?**

The distance from where the flange fastens to the wall face out to the hinge is approximately 1.625" (for the thickness of the stucco). The distance from the stucco surface to the outside edge of the unit is approximately 17".

**5. Do the existing window frame and surrounding stucco need to be removed?**

Yes, in order to install the unit correctly, the existing frame and surrounding stucco must be removed.

**Note: The existing weather barrier must not be damaged and the garden window must be flashed according to AAMA installation specifications.**

**6. Is bracing or support needed under the unit?**

Yes. The Series 2051 Stucco Replacement Garden Window requires support because the wood head, seat and jamb returns have been removed for this application. The flanges are the only means of fastening the unit. Knee braces are included with the kit.

**7. What should I know about shelves, standards and brackets?**

See page 2 for installation. *All units need two standards. To avoid damage and injury, it is critical that the standards be located correctly!*

The shelf is not tempered, the standards and brackets are available at hardware stores.

**8. What do I need to consider when ordering a shelf?**

If it is a shelf to replace a damaged shelf, only the shelf is needed. If it is for a unit which did not have a shelf for the original order, a shelf kit is required. The kit contains a shelf, brackets, standards, hardware and installation instructions.

**Note: Follow the instructions when installing the standards! Damage or injury could occur if done incorrectly!**

**9. How much weight can I put on a shelf?**

**No more than 25 pounds, total.**

**10. Are the screens aluminum?**

No, FlexScreen screens are used on our garden windows. They have a solid one-piece frame of high performance spring steel that is captured in the screen track and can be easily removed from inside the home. You will no longer see a screen frame and will gain more viewing area through the glass.

More information and installation/removal instructions are included with each window.

**11. What are the minimum and maximum sizes that I can order?**

The recommended sizing parameters are as follows:

**Minimum Size (inches)**

Width	Height
24	30

**Maximum Size (inches)**

Width	Height
72	30 to 48
70	30 to 49
69.875	30 to 50
69.75	30 to 51
69.625	30 to 52
69.5	30 to 53
69.375	30 to 54
69.25	30 to 55
69.125	30 to 56
69	30 to 57
68.875	30 to 58
68.75	30 to 59
68.625	30 to 60
68.5	30 to 61
68.375	30 to 62
68.25	30 to 63

**12. Do you provide touch-up paint?**

Yes. We supply bottles of touch-up paint (0.6 oz) with painted profiles.

**13. If my seat board is wood, what kind of stain or paint can I use?**

**All unfinished wood surfaces must be sealed within 10 days of installation!**

**Finishing Recommendations**

**Stain:** Use a three-step process:

- Water-based pre-stain wood conditioner
- Water-based wood stain
- Water-based oil-modified polyurethane (such as Minwax® products or others)

**Paint:** Use a two-step process:

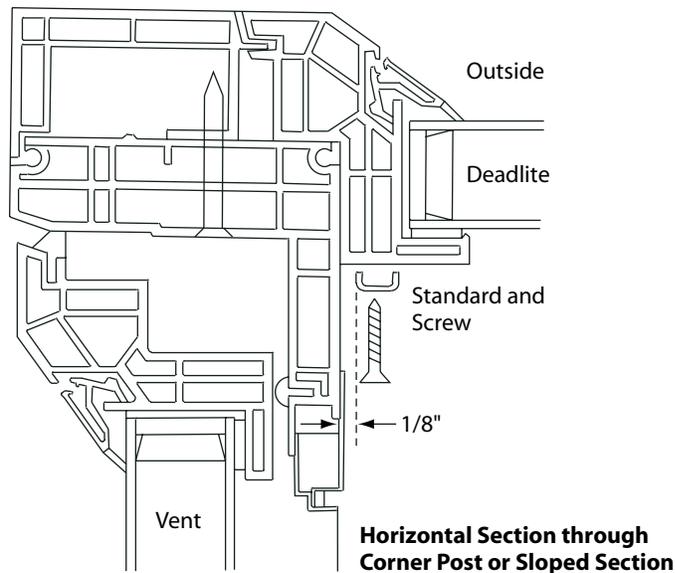
- Premium interior latex primer (such as Kilz Premium® or others)
- Premium interior water-based acrylic-alkyd paint (such as Sherwin-Williams ProMar 200® or others)

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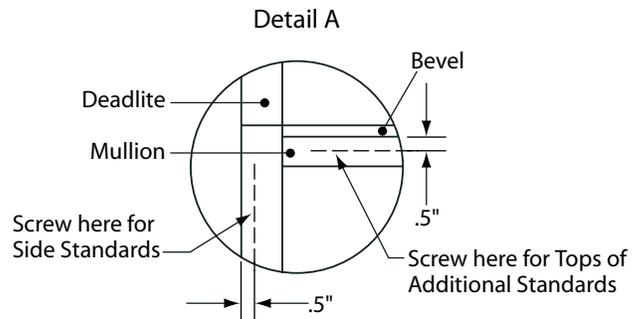
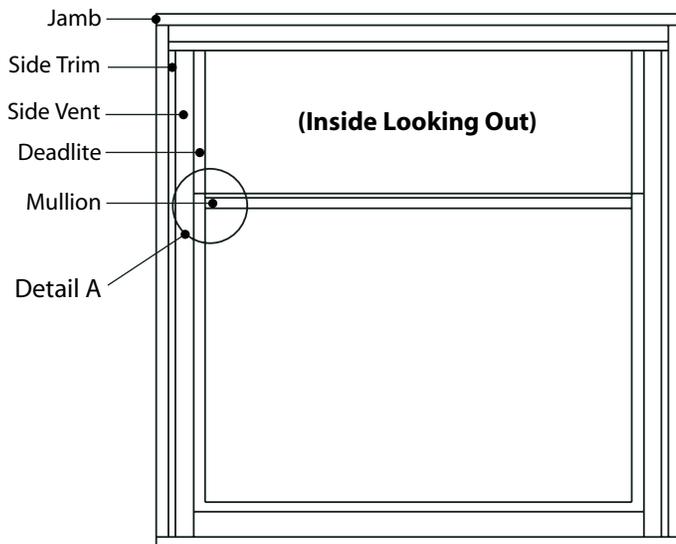
**Shelf Standard and Bracket Installation**

1. Place standard (vertical track) 1/8" in from inside corner of vinyl frame, placing notched portion down, setting on step of vinyl frame.  
**Warning! Do not exceed 1/8" dimension or glass breakage could occur!**
2. Mark hole locations with a pencil.
3. Drill pilot holes through the first wall only.
4. Position vertical standard and attach using 1-1/2" screws.  
**(Do not over tighten screws!)**  
**Note:** Larger units require additional standards, spaced equally between end standards, attached top and bottom only.  
 Units up to 42" wide have two standards; units 42" up to 49" wide have three standards; units 49" up to 72" wide have four standards in the kit.

**Top view cut-away of corner post**



**Inside view with shelf bracket screw location**



**Screws used for shelf brackets must be located within the .5" areas indicated or glass breakage will occur.**

The mullion dimension is from the bevel down toward the glass .5"

The deadlite dimension is from the inside vent toward the glass .5"

Screws can be placed along the entire length of these frame members adhering to these measurements.

Recommended screw size is #6x1.5"

# Series 2051 Nail Fin Garden Window Frequently Asked Questions

## Lock Adjustments

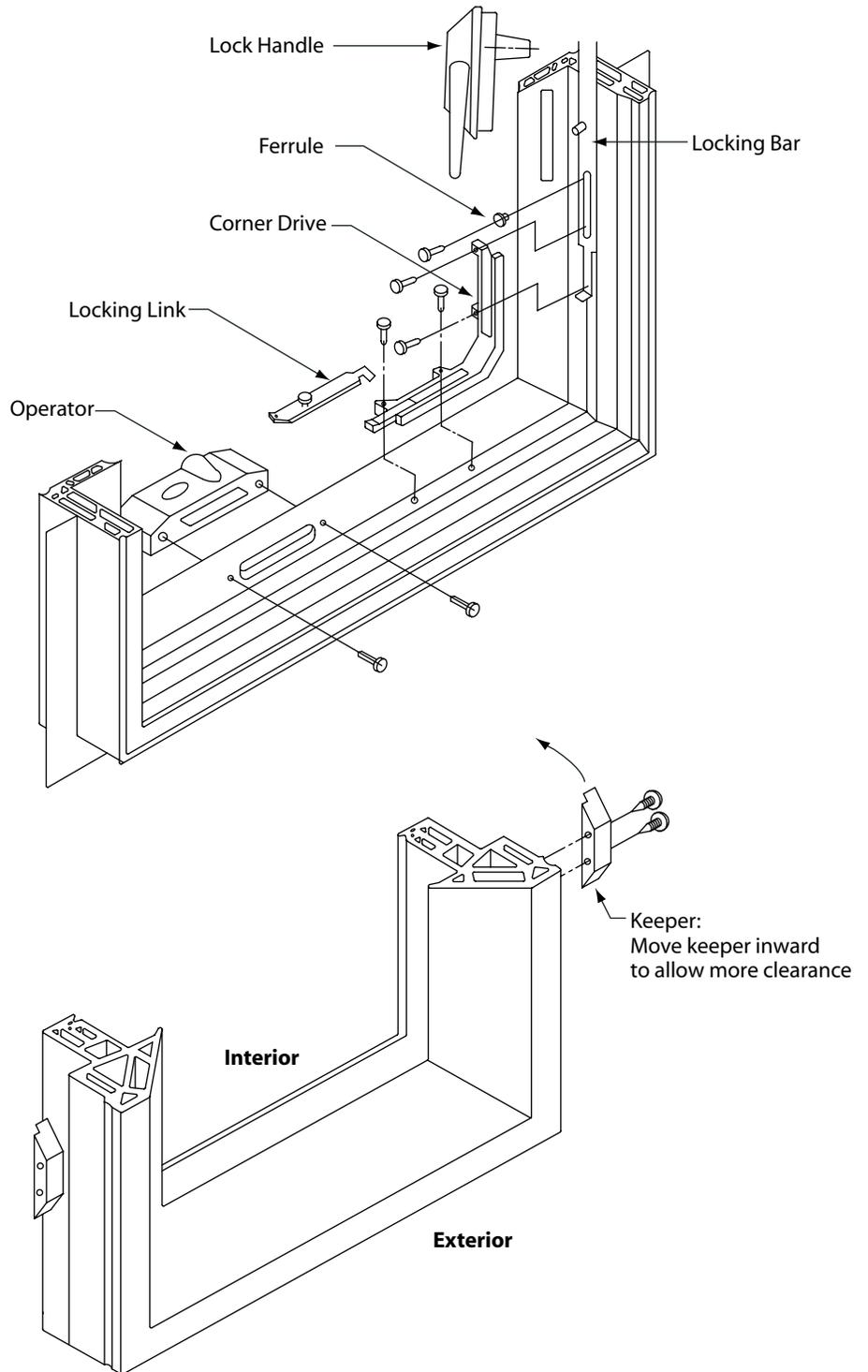
If locking system problems occur, make adjustments as explained below.

Check to see that the operator moves freely with the window in the open position. If binding occurs, the problem will be with the lock handle or corner drives: one (or both) may need to be greased or replaced. Another possibility is that the screws in the lock bar are not centered and the bar is rubbing against the ferrules.

If the locking system moves freely, close and lock the window. A binding or hard-to-lock condition indicates a tight keeper or misaligned lock bar. Removing each keeper and working the lock handle up and down may help locate the keeper/lock bar pin combination binding. To remedy the problem, the keeper can be relocated by moving it slightly inward (away from the sash toward the lock bar pin), and slightly upward or downward, depending on the lock bar pin location.

If visual inspection indicates a lock bar that does not run parallel with the frame, the bar slots can be opened slightly, or the ferrule can be moved outward to place the pin closer to the keeper.

A rubbing or grinding sound will be the lock bar rubbing against a ferrule. Look for this condition on the lock bar to pinpoint the lock bar pin/keeper location. Also inspect the center link between the corner drives: the bent portion of the link can be rubbing or binding on the operator if there is not enough clearance between the two components.



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**Glazing Procedure**

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**Deglazing the unit**

Remove the exterior bead (four pieces per IG), place a .25" wood chisel approximately 2" in from either bottom end, and push forward and downward. Place a screwdriver into the gap that develops and, while prying upward, work your way down the entire length of the bead until it lifts out.

Insert a razor blade or EZD Glazer tool between the interior surfaces of the IG and the interior vinyl wall. Cut around the entire interior surface to separate the IG; several attempts may be necessary. Remove the IG by pushing it forward and out.

**Glazing the unit**

Clean surfaces to which glazing tape is to be applied.

Use 1/8" x 1/2" tape for the sloped IG, and 1/16" x 1/2" glazing tape for the vertical deadlite and side vents.

Install the tape across all of the horizontal and vertical rails, trimming the length at each end. Peel back approximately 4" of red plastic coating on the two-sided tape and fold at a 90-degree angle into the opening. Apply a small bead of clear silicone caulk along the seams and in the corners where the glazing tapes join.

Place 1/8" setting blocks along the sill and tilt the IG into place. DO NOT block any weep openings with the setting blocks! Insert remaining locks around the perimeter of the window. Check the sight line through the window, making sure that the spacer doesn't show.

Press the IG into position and, while holding an end of the glazing tape plastic coating, slowly pull straight down to remove the remaining coating. Do this around the entire perimeter of the inside opening.

Snap the pieces of bead into position, pushing the end into the corner. It may be necessary to adjust the bead side-to-side or up and down for the final fit.

Apply a bead of caulk to the adjoining bead corners of the sloped lite.