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Before You Begin

Hazard Notations

- Understand ALL manufacturer’s instructions before beginning to install your WinDor product.
- Do not work alone. Use safe lifting techniques.
- Always wear your P.P.E. (e.g. safety glasses, gloves, ear protection, etc.).
- Use caution when handling glass.
- Operate hand/power tools safely and follow the manufacturer’s operation instructions.

Tools and Supplies Needed

**TOOLS NEEDED:**
- #2 Phillips screwdriver
- Safety glasses
- Pry bar
- Utility knife
- Square
- Level
- Drill
- Hammer
- Tape measure

**SUPPLIES NEEDED:**
- Shims
- Flashing
- Construction adhesive
- Sealant

SAFETY & HANDLING

- Do not put stress on corners of frames.
- Store door in dry, well-ventilated area in a vertical, leaning position to allow air circulation.
- Protect from exposure to direct sunlight during storage.
- Install only into vertical walls and when conditions and sheathing are dry.

HOW TO CHECK PLUMB, LEVEL AND SQUARE

A & B – Cross tape measurements to verify the opening is square.

C – Threshold level, free of any crowns and sags.

D – Plumb vertical jamb.

E – Plumb vertical exterior portion of the wall.
## Pre-Inspection

- Thoroughly read and follow the instructions as well as local building codes.
- Inspect product for any damage and/or missing parts.

## Installation

- R.O. is plumb, level and square with proper clearance.
- Sufficient sealant is used to ensure proper waterproofing.
- Proper screw placement and spacing.
- Shims are installed at all the proper locations. (e.g. keepers, hinges and along the lengths of the frame)
- All reveals are consistently good.
- All hardware is installed and functioning smoothly.
- Unit(s) work smoothly and lock properly.
- Flashing is installed properly with proper nail fin screw spacing and sufficient sealant.

## Final Walk Through

- Operation of unit(s) work smoothly. All hardware works flawlessly.
- All production and marketing stickers are removed.
- Weep holes are clean and clear of any obstructions.
- Product is clean and ready to sign off.
1. INSPECT PRODUCT AND HARDWARE

- Carefully remove any shipping materials. (e.g. corner covers, shipping blocks, plastic wrap, etc.)
- Check for any cosmetic damages.
- Correct product (size, color, handing, etc.)

If any of the above conditions are a concern, contact your dealer or distributor for recommendations prior to installation.

2. INSPECT THE ROUGH OPENING

- Verify the width and height of the opening for proper clearance.
- Verify the opening is square by measuring diagonally from one corner to the other on both sides.
- Verify the opening is level and plumb.

These steps are important to acquire a trouble-free installation. If these conditions are not met, you will need to adjust accordingly.

3. PREPARE THE OPENING AND INSTALLATION

1. Clean and level the threshold thoroughly.
2. Flash opening according to AAMA standards.
3. Apply sealant to threshold and surrounding areas, as needed, according to industry standards.
4. Place the door frame into the opening and walk across the threshold enough to be certain the frame is firmly on the threshold, free of any humps due to the sealant under it.
5. With the frame screws provided (Fig. A), secure the four corners and one in the middle to eliminate sag in the header and misreading’s when cross taped for squareness. (Fig. B)
   (Place screws in the outer most track so that they will be hidden behind caps and the O panel)
6. Cross tape your frame to make sure your frame is square. (Fig. C)
7. Place a level on the jamb to make sure its plumb.
8. Finish securing the jamb and header of the frame by placing the screws in the outer track, no more than 16 inches apart and roughly 3 inches from the corners. Use a level to make sure the jamb side to side is plumb and that there is no daylight between the level and the frame. Follow the same method on the header of the frame to make sure it’s perfectly straight. (Fig. D)
9. Install the X panel into the inner track.
10. Raise the wheel adjustment to its max height using a #2 Philips hand screwdriver. Be careful not to over torque the screws. You may need someone to tip one corner up to take the weight off of that one wheel. (Fig. E)
11. Slide the panel to each jamb and look at the reveals. (Fig. F)
12. If the reveals are not even down the length of the jamb and not consistent with both sides of the jamb, you will need to adjust the frame accordingly.

In a perfect world both reveals should mirror each other and be perfectly straight the length of the jamb. If they are not you will need to first check plumb, level and squareness of the frame before continuing on troubleshooting the issues.

Possible issues:
- Reveal on the right, panel to jamb, has 1/4 inch gap on the top corner but bottom corner has no gap. Left, panel to jamb, has a perfect reveal top to bottom. In this case pull the top of the frame to the left to split the difference and mirror the reveals. Now there is 1/8 inch gap on top and zero on the bottom on the right side and left side. Place an appropriate shim under the threshold in the middle of the frame. This will fix both reveals at the same time.
- Reveal on the right, panel to jamb, has zero gap on the top corner but the bottom corner has 1/4 inch gap. Left, panel to jamb, is perfect top to bottom. Check for humps in the center of the threshold or even dips in the corners.

Any time you do any adjustments to the threshold with shims or just moving it one side to the other, always put the level back down and check the threshold for any humps or dips before continuing.
13. With your frame installed and the reveals good with the X panel, you can now install the hardware on your X panel. *(see hardware diagram)*

14. Now install the keeper with the provided shim. To do so, lock the keeper onto the door panel. Slide the door near the locking side jamb and mark the frame where the height of the lock is positioned. *(Fig. H)*

15. Unhook the keeper from the panel and set it in the jamb lining it up with the pencil mark you transferred to the frame. Use the dye line in the center of the pocket for your center reference; mark the center of the top and bottom holes of the keeper onto the frame.

16. Drill pilot holes where you marked the top and bottom holes. Secure the keeper onto the frame with the keepers screws provided. Make sure to use the keeper shim between the frame and keeper. Slide the panel close to the frame to check that the frame reveal is still perfectly straight with the panel. **Do not over tighten and bow the frame, as well as being aware of any push back of the frame while securing the keeper in place.**

17. Slide the X panel closed and test out the lock. Do this multiple times to make sure your door is sliding and locking easily.

18. With the keeper installed and locking correctly you can finish off the last two screws. Place the upper middle screw at the bottom of the oval hole and the lower middle screw at the top of the oval hole. When doing this it will lock your keeper in place which in turn will help eliminate service issues in the future.

19. Make sure your frame is still straight and even with the panel as well as make sure the lock is still locking smoothly.

20. Now place shims between the framing of the opening and the doors frame. Make sure shims are in nice and snug to eliminate any movement. *(Fig. I)*
21. Place shims between the framing and new door frame every 16 inches on the jambs and every 24 inches on the header.

22. Install the fixed O panel in the outer track on top of the setting blocks. Making sure it’s pushed all the way into the pocket. Before securing the panel in place make sure the X panel still locks easily. Adjust the O panel accordingly so the X panel has enough clearance to lock properly. **There is a possibility you MAY need to remove the Fixed Panel 1/4-inch shim from the jamb pocket. (See frame exploded view page 11)

23. With the fixed panel screws provided (Fig. J), secure the O panel. Place screws into the parting bead where the weather strip is located. (Fig. K)

24. Install the jambs interior O panel cap, this will hide the panel screws making for a clean finish. (Fig. L)

25. Install the patio door bumpers. The top bumper will fit as is. The bottom will need some modifications to be able to clear the bottom of the interior O panel cap. Use some snips or a utility knife and carefully cut the bottom legs just below the flair out of the bumper. This will give just enough clearance so the bumper can slide under the cap. (Fig. M)

26. Now install the exterior caps for the X panel side. On the top and bottom cap one end will be cut at 5 degrees; that end needs to be towards the jamb. **These caps need to be trimmed down so there is 1/8-inch gap to allow for expansion and contraction.

27. Last install the jamb side cap. (Fig. N)
3. INSTALLATION CONT.

The interior O panel side cap and exterior X panel side cap are two different profiles. Make sure these two are not mixed up and that they are installed in the correct pocket.

28. On new construction doors, finish off the screws on the nail fin as well as the sealant and flashing according to industry standards.
29. Install button plugs in any 3/8 inch pre-drilled hole, including the wheel adjustment holes.
SLIDING DOOR HARDWARE DIAGRAM

STEP 1
MEASURE DOOR THICKNESS.

STEP 2
DETERMINE THE PROPER LENGTH OF MOUNTING SCREWS.

<table>
<thead>
<tr>
<th>#8-32 PHILLIPS SCREW LENGTH</th>
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<tbody>
<tr>
<td>1 3/16 TO 1 9/16</td>
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<tr>
<td>1 9/16 TO 1 15/16</td>
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<tr>
<td>1 15/16 TO 2 5/16</td>
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STEP 3
LOCK CYLINDER / ESCUTCHEON ASSEMBLY

STEP 4
SIZE TAIL PIECES TO SUIT DOOR THICKNESS

STEP 5
BREAK OFF TAIL ENDS WITH PLIERS

CLAMP TAIL PIECE AT BREAK POINT WITH LOCKING PLIERS, BREAK OFF WITH SECOND PLIERS

DETERMINING TAIL PIECE BY FINDING BREAK MARK CLOSEST TO 1/2 DOOR THICKNESS MAX.
SLIDING DOOR INSTALLATION & ADJUSTMENT

SLIDING DOOR PARTS LIST

*Tags shown are: Open Janela Stock Code
- Open Janela Description

5255-(WH or BG) 2.75 Door Sash

5260-(WH or BG) Euro Groove Cap

26170-00 Patio Door Lock

5152GALUO/1 4X20 SGD Handle WHF
or
5152GALUO/2 3X20 SGD Handle BG

40.90.32.100.1 Signature SGD Handle WHF
or
40.90.5K.100 Signature SGD Handle BRK
or
40.90.1A.100 Signature SGD Handle BRS

6 x 2" THD Tek SS Reinforcement Screws

5260-(WH or BG) Euro Groove Cap

5259-(WH or BG) Applied Interlock

3819F-WH 1/8" Hole Plugs SGD Bag Whf

571000NA Patio Door Roller

*Silicone caulk is used in the installation of the applied interlock to the sash.
SLIDING DOOR INSTALLATION & ADJUSTMENT

SLIDING DOOR PARTS LIST

5235 (WH or BG)
2.75 Door Jamb
with
5256-WH
2.75 Door Sash with lock

6 x 1. PPH WH
Fixed Panel Screws 6/Bag WH

5227 (WH or BG)
0.675 Glass Bead

*Tags shown as:
- Clear Jamble Stock Code
- Clear Jamble Description
### SLIDING DOOR PROVIDED SUPPLIES

<table>
<thead>
<tr>
<th>Supplies</th>
<th>Image</th>
<th>Description</th>
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<tr>
<td>3750 keeper screws</td>
<td><img src="image1" alt="Image" /></td>
<td>3750 standard keeper (left)</td>
</tr>
<tr>
<td>3750 astragal keeper (right)</td>
<td><img src="image2" alt="Image" /></td>
<td>3750 astragal keeper screws</td>
</tr>
<tr>
<td>2750 keeper screws</td>
<td><img src="image3" alt="Image" /></td>
<td>2750 standard keeper (left)</td>
</tr>
<tr>
<td>2750 astragal keeper screws</td>
<td><img src="image4" alt="Image" /></td>
<td>2750 astragal keeper screws</td>
</tr>
<tr>
<td>Fixed panel screws</td>
<td><img src="image5" alt="Image" /></td>
<td>Keeper shim</td>
</tr>
<tr>
<td>Frame install screws</td>
<td><img src="image6" alt="Image" /></td>
<td>Frame install screws</td>
</tr>
</tbody>
</table>
SLIDING DOOR
INSTALLATION & ADJUSTMENT

SLIDING DOOR PROVIDED SUPPLIES

- **Bumpers (x 2 or 4)**
- **2750 handle hardware screws**
- **2750 Standard handle hardware**
  (all that you need out of the bag)
- **3/8 hole plugs**
- **Signature series hardware**