



## TABLE OF CONTENTS AND IMPORTANT INFO

|  |       |
|--|-------|
| Tools and Materials Required .....             | 3     |
| Safety .....                                   | 3     |
| Handling .....                                 | 4     |
| Rough Opening Inspection and Preparation ..... | 5     |
| Inspect and Prepare Contents .....             | 6     |
| Frame Assembly .....                           | 7     |
| Frame Installation .....                       | 8-9   |
| Panel Installation .....                       | 10-11 |
| Install Anti-Lift Blocks .....                 | 12    |
| Roller Adjustment .....                        | 13    |
| Install Weatherstrip (fuzzy) Pads .....        | 14-15 |
| Install Fixed Panel Clips .....                | 16    |
| Install Panel Followers .....                  | 17    |
| Keeper & Handle Installation .....             | 18    |
| Install Track Fillers .....                    | 19    |
| Standard Screen Installation .....             | 20-21 |
| Box Screen Installation .....                  | 22-23 |
| Final Installation Details .....               | 24    |

**IMPORTANT:** Read all instructions thoroughly before beginning assembly and installation. Follow local building codes, regulations and appropriate building practices. Consult a building professional for installations other than what is shown in these instructions. Anchoring requirements may vary in certain areas, such as Florida and Texas. For additional information, go to [floridabuilding.org](http://floridabuilding.org) or [tdi.texas.gov](http://tdi.texas.gov) and follow the installation and anchoring schedule provided. FL #41161

## TOOLS REQUIRED

- Tape measure
- 1-1/2" or 2" Stiff putty knife
- Rubber mallet
- Level (6' or larger)
- Utility knife
- Pliers
- Framing square
- Cordless drill and bits
- 5/16" Flathead screwdriver
- 1' Torpedo level
- Hammer drill or impact driver (concrete slab)
- #2 Phillips screwdriver
- Flat pry bar
- Vacuum suction cups (for lifting/moving panels)
- #3 Phillips screwdriver

## MATERIALS REQUIRED

- Installation fasteners of the appropriate type and size required by state (i.e. Florida Product Approval, Texas Department of Insurance, etc.) or local codes. Proper fastener selection is critical to the performance of the door. The number and type of fastener will depend on the door configuration and the opening substrate. Requirements may vary by building type, application and region. Contact your local building code official for requirements in your area.
- When not specified by state or local requirements and/or codes, #12 pan head, corrosion resistant screw for through frame installation with a minimum of 1 1/2" embedment into the structural framing may be used. Please consult with your local building code official to verify requirements.
- Composite or plastic shims
- Exterior grade sealant
- Flashing as required by local code
- Sill pan or approved waterproofing agent as required by local code
- Low expansion window and door foam insulation (must conform to the AAMA 812-04 Standard)
- Backer rod (as needed)

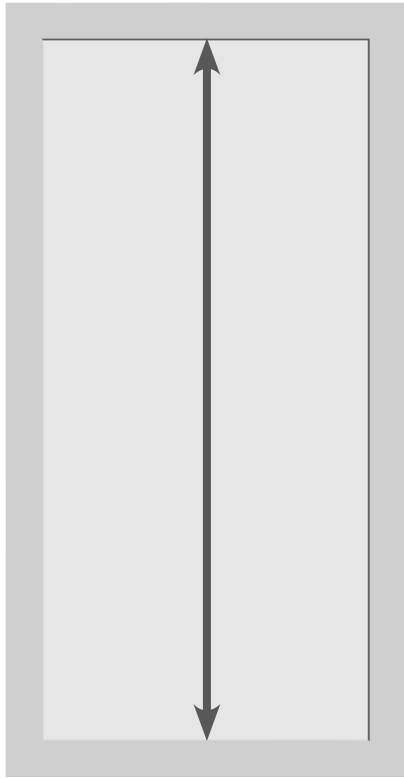
**NOTE:** Flashing and/or sill pan application and installation is at the installer's or owner's discretion and should be done in accordance with the flashing or sill pan manufacturer's instructions and local codes. It is the responsibility of the installer or owner to ensure the compatibility of flashing or sill pan material(s).

## SAFETY

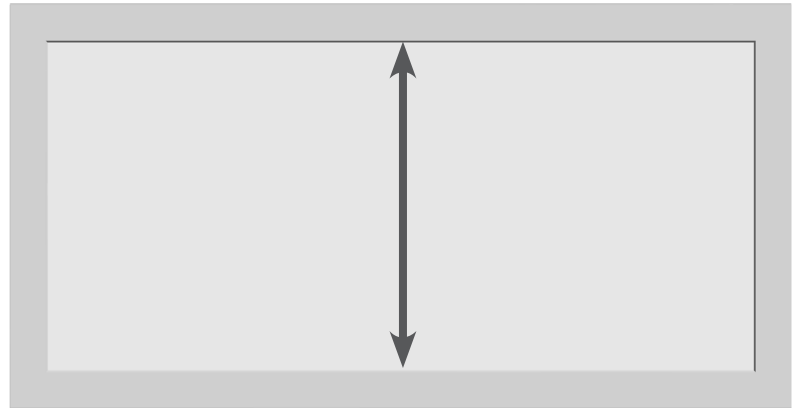
- Carefully read these instructions before beginning assembly or installation. Failure to follow proper installation instructions and techniques may result in operational or performance issues and/or damages not covered by the product warranty.
- Large doors can be heavy. Use safe lifting techniques and a reasonable number of people to move and install door products to avoid injury or product damage.
- Always wear personal protective equipment (safety glasses, protective gloves and hearing protection) when installing this product.
- Follow manufacturers' instructions and use appropriate safety precautions when using hand or power tools
- Use caution when working at elevated heights and around unit openings. Follow manufacturers' instructions for ladders and/or scaffolding. Failure to do so may result in injury or death.
- Follow all EPA and Consumer Product Safety Commission guidelines. Buildings constructed prior to 1978 may contain lead paint which could be disturbed during product replacement. For more information on proper management of lead paint, visit [epa.gov/lead](http://epa.gov/lead).

## HANDLING

- Always move or transport door panels in a vertical position (DWG 1 & DWG 2). Never carry door panels flat.
- Do not drag door panels on the floor.
- Do not apply stress to the joints or corners of the frame as this may result in damages not covered by the product warranty and/or denial of warranty claims.
- Store in a dry, well-ventilated area. Do not store doors flat or in the sun as product damage may occur.
- Install product only into vertical walls properly designed and built to support the door.
- Leave labels attached to the frame parts and panels until after the door is fully installed. Labels can help identify parts and indicate the position of panels within the door frame.



DWG 1

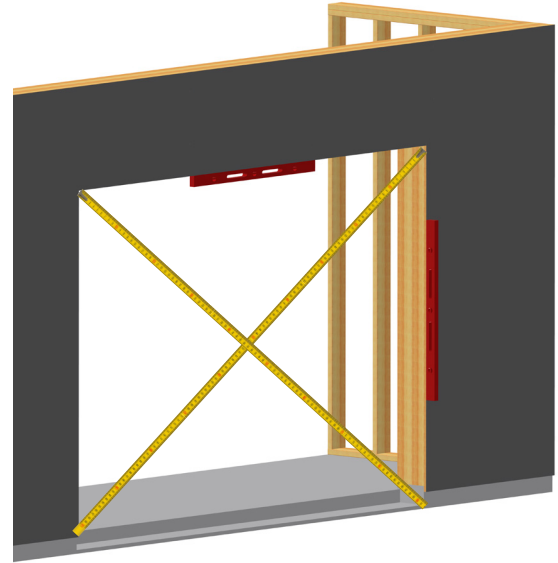


DWG 2



## ROUGH OPENING INSPECTION AND PREPARATION

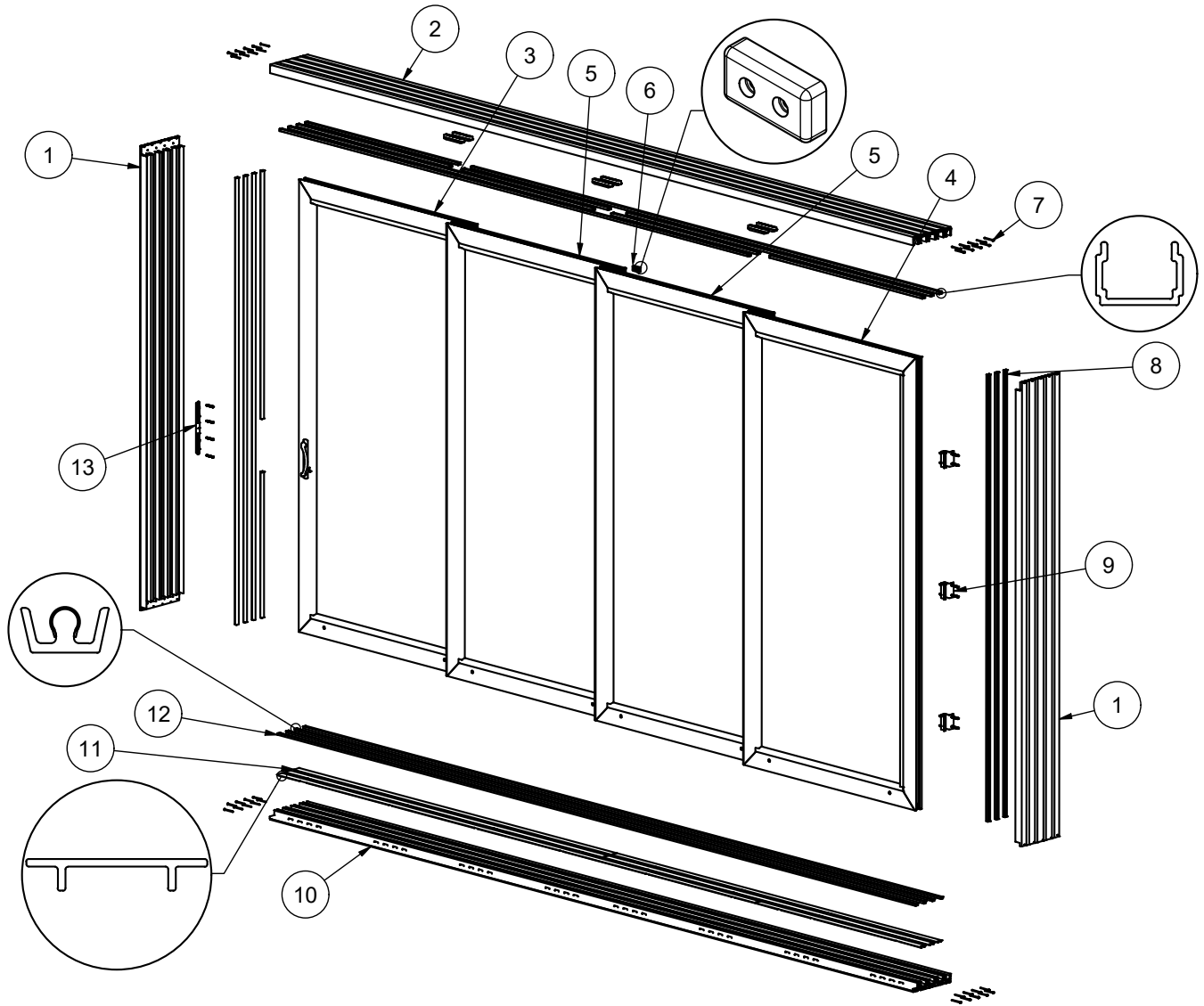
- Verify the opening is  $\frac{1}{2}$ " larger in width and  $\frac{1}{4}$ " larger in height than the door frame. Refer to the chart below for door and rough opening sizing.
- Verify the step-down sill condition is adequate for door frame depth.
- Verify that the opening is plumb, level and square (see right).
- The opening must meet code and the header must be properly sized to avoid deflection and potential door operation or performance issues.
- Carefully inspect the sill condition of the opening to ensure it is level (not crowned or sagging). Leveling compound or composite shims may be used in low spots while high spots should be ground level.
- Sweep the sill area to ensure debris will not interfere with proper door installation.
- Inspect for framing or sheathing offsets and fasteners or other objects protruding into the opening.
- Correct all deviations prior to installing the door.



| Configuration  |                  | Call Size          | Actual Size         | Rough Opening Size |
|----------------|------------------|--------------------|---------------------|--------------------|
|                |                  | XO / OX / XX       | 5-0 x 6-8           | 59 1/2 x 79 1/2    |
| 5-0 x 8-0      | 59 1/2 x 95 1/2  |                    | 60 x 95 3/4         |                    |
| 5-0 x 10-0     | 59 1/2 x 119 1/2 |                    | 60 x 119 3/4        |                    |
| 6-0 x 6-8      | 71 1/2 x 79 1/2  |                    | 72 x 79 3/4         |                    |
| 6-0 x 8-0      | 71 1/2 x 95 1/2  |                    | 72 x 95 3/4         |                    |
| 6-0 x 10-0     | 71 1/2 x 119 1/2 |                    | 72 x 119 3/4        |                    |
| 8-0 x 6-8      | 95 1/2 x 79 1/2  |                    | 96 x 79 3/4         |                    |
| 8-0 x 8-0      | 95 1/2 x 95 1/2  |                    | 96 x 95 3/4         |                    |
| 8-0 x 10-0     | 95 1/2 x 119 1/2 |                    | 96 x 119 3/4        |                    |
| XO / OXX / XXX | 7-6 x 6-8        |                    | 86 5/8 x 79 1/2     | 87 1/4 x 79 3/4    |
|                | 7-6 x 8-0        | 86 5/8 x 95 1/2    | 87 1/4 x 95 3/4     |                    |
|                | 7-6 x 10-0       | 86 5/8 x 119 1/2   | 87 1/4 x 119 3/4    |                    |
|                | 9-0 x 6-8        | 104 5/8 x 79 1/2   | 105 1/4 x 79 3/4    |                    |
|                | 9-0 x 8-0        | 104 5/8 x 95 1/2   | 105 1/4 x 95 3/4    |                    |
|                | 9-0 x 10-0       | 104 5/8 x 119 1/2  | 105 1/4 x 119 3/4   |                    |
|                | 12-0 x 6-8       | 140 5/8 x 79 1/2   | 141 1/4 x 79 3/4    |                    |
|                | 12-0 x 10-0      | 140 5/8 x 119 1/2  | 141 1/4 x 119 3/4   |                    |
| OXO            | 7-6 x 6-8        | 91 3/16 x 79 1/2   | 91 11/16 x 79 3/4   |                    |
|                | 7-6 x 8-0        | 91 3/16 x 95 1/2   | 91 11/16 x 95 3/4   |                    |
|                | 7-6 x 10-0       | 91 3/16 x 119 1/2  | 91 11/16 x 119 3/4  |                    |
|                | 9-0 x 6-8        | 109 3/16 x 79 1/2  | 109 11/16 x 79 3/4  |                    |
|                | 9-0 x 8-0        | 109 3/16 x 95 1/2  | 109 11/16 x 95 3/4  |                    |
|                | 9-0 x 10-0       | 109 3/16 x 119 1/2 | 109 11/16 x 119 3/4 |                    |
|                | 12-0 x 6-8       | 145 3/16 x 79 1/2  | 145 11/16 x 79 3/4  |                    |
|                | 12-0 x 8-0       | 145 3/16 x 95 1/2  | 145 11/16 x 95 3/4  |                    |
|                | 12-0 x 10-0      | 145 3/16 x 119 1/2 | 145 11/16 x 119 3/4 |                    |

| Configuration |                   | Call Size          | Actual Size         | Rough Opening Size |
|---------------|-------------------|--------------------|---------------------|--------------------|
|               |                   | XXXO / OXXX / XXXX | 10-0 x 6-8          | 113 3/4 x 79 1/2   |
| 10-0 x 8-0    | 113 3/4 x 95 1/2  |                    | 114 1/4 x 95 3/4    |                    |
| 10-0 x 10-0   | 113 3/4 x 119 1/2 |                    | 114 1/4 x 119 3/4   |                    |
| 12-0 x 6-8    | 137 3/4 x 79 1/2  |                    | 138 1/4 x 79 3/4    |                    |
| 12-0 x 8-0    | 137 3/4 x 95 1/2  |                    | 138 1/4 x 95 3/4    |                    |
| 12-0 x 10-0   | 137 3/4 x 119 1/2 |                    | 138 1/4 x 119 3/4   |                    |
| 16-0 x 6-8    | 185 3/4 x 79 1/2  |                    | 186 1/4 x 79 3/4    |                    |
| 16-0 x 8-0    | 185 3/4 x 95 1/2  |                    | 186 1/4 x 95 3/4    |                    |
| 16-0 x 10-0   | 185 3/4 x 119 1/2 |                    | 186 1/4 x 119 3/4   |                    |
| OXO           | 10-0 x 6-8        |                    | 118 5/16 x 79 1/2   | 118 13/16 x 79 3/4 |
|               | 10-0 x 8-0        | 118 5/16 x 95 1/2  | 118 13/16 x 95 3/4  |                    |
|               | 10-0 x 10-0       | 118 5/16 x 119 1/2 | 118 13/16 x 119 3/4 |                    |
|               | 12-0 x 6-8        | 142 5/16 x 79 1/2  | 142 13/16 x 79 3/4  |                    |
|               | 12-0 x 8-0        | 142 5/16 x 95 1/2  | 142 13/16 x 95 3/4  |                    |
|               | 12-0 x 10-0       | 142 5/16 x 119 1/2 | 142 13/16 x 119 3/4 |                    |
|               | 16-0 x 6-8        | 190 5/16 x 79 1/2  | 190 13/16 x 79 3/4  |                    |
|               | 16-0 x 10-0       | 190 5/16 x 119 1/2 | 190 13/16 x 119 3/4 |                    |
| OXXXXO        | 15-0 x 6-8        | 172 9/16 x 79 1/2  | 173 1/16 x 79 3/4   |                    |
|               | 15-0 x 8-0        | 172 9/16 x 95 1/2  | 173 1/16 x 95 3/4   |                    |
|               | 15-0 x 10-0       | 172 9/16 x 119 1/2 | 173 1/16 x 119 3/4  |                    |
|               | 18-0 x 6-8        | 208 9/16 x 79 1/2  | 209 1/16 x 79 3/4   |                    |
|               | 18-0 x 8-0        | 208 9/16 x 95 1/2  | 209 1/16 x 95 3/4   |                    |
|               | 18-0 x 10-0       | 208 9/16 x 119 1/2 | 209 1/16 x 119 3/4  |                    |
|               | 24-0 x 6-8        | 280 9/16 x 79 1/2  | 281 1/16 x 79 3/4   |                    |
|               | 24-0 x 8-0        | 280 9/16 x 95 1/2  | 281 1/16 x 95 3/4   |                    |
|               | 24-0 x 10-0       | 280 9/16 x 119 1/2 | 281 1/16 x 119 3/4  |                    |

## INSPECT AND PREPARE CONTENTS

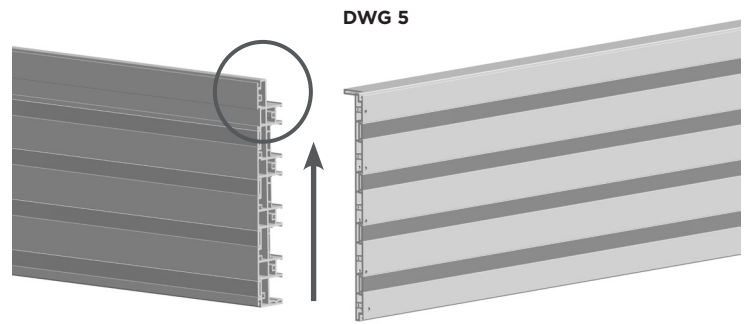


Carefully remove shipping materials and packaging. Inspect all frame parts, panels, screens, components and hardware for damage. Confirm all parts are included in the package by comparing the contents to the packing list. Report damage or missing parts by contacting us at 877-469-2221.

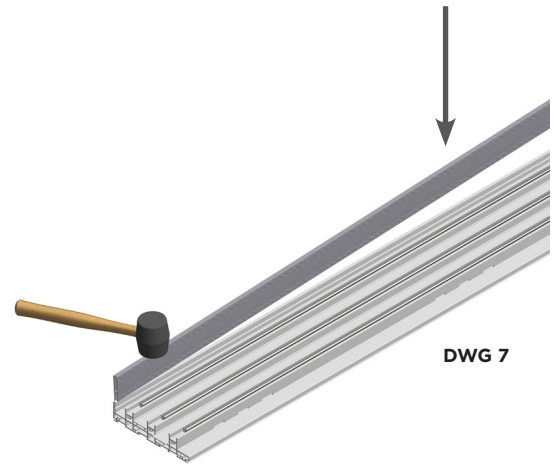
- |                         |                        |
|-------------------------|------------------------|
| 1. Frame Side Jamb      | 8. Jamb Cover          |
| 2. Frame Head Jamb      | 9. Fixed Panel Bracket |
| 3. Panel - Primary      | 10. Frame Sill         |
| 4. Panel - Stationery   | 11. Track Filler       |
| 5. Panel - Intermediate | 12. Roller Track       |
| 6. Panel - Follower     | 13. Lock Keeper        |
| 7. Frame Assembly Screw |                        |

## FRAME ASSEMBLY

- Clean an area of the floor where the door will be assembled.
- Place cardboard and/or drop cloths on the floor to protect the frame from damage
- Stage all frame parts with the exterior facing upward (DWG 5).
- Install the aluminum roller tracks into the sill, using a rubber mallet. Make sure the tracks snap into place and are fully seated. Use caution to ensure you don't damage the stainless-steel roller track cap. **NOTE:** If The roller tracks have been installed at the factory, skip this step.
- Apply a continuous bead of sealant into the channel of the sill riser, from one end to the other (DWG 6).
- Align one end of the sill riser with one end of the sill (DWG 7). Secure in place by driving the sill riser onto the sill with a rubber mallet, making sure it is fully seated and locked in place.
- If your door has an optional nailing fin, remove the anchor plate in the frame head and frame jambs from the track nearest the exterior. Insert the nailing fin into the track nearest the exterior of frame head, side jambs and sill (if required), making sure to use the nailing fin that matches the length of the frame part you're inserting it into (DWG 8). Apply a bead of sealant at the interior seam where the nailing fin meets the frame head, side jambs or sill. Tool into place to ensure the seam is properly sealed.
- Apply approved exterior grade sealant at the sill corners (DWG 9). Using supplied #8 x 1-1/2" truss head screws (found in the blue hardware bag), fasten through the pre-drilled holes in the jamb and into the screw bosses in the frame sill (DWG 10). Tighten screws until snug, making sure to not overtighten.
- Repeat the same process for the other frame jamb.
- Next, assembly the frame head in the same manner.

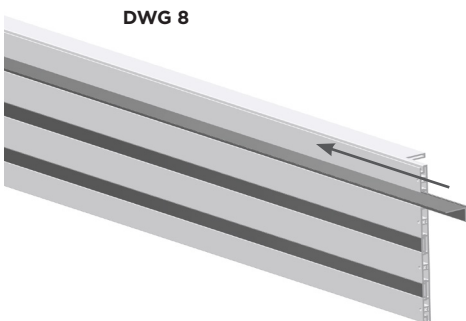


DWG 6

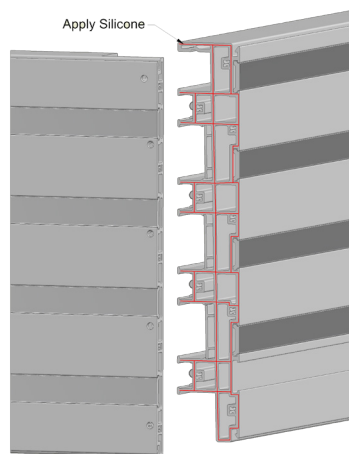


DWG 7

DWG 9



DWG 8



DWG 10

## FRAME INSTALLATION

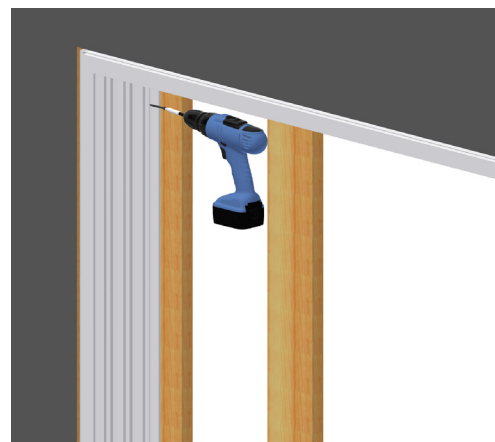
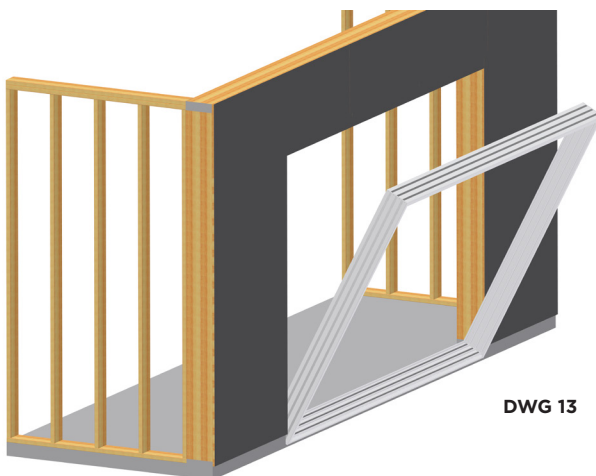
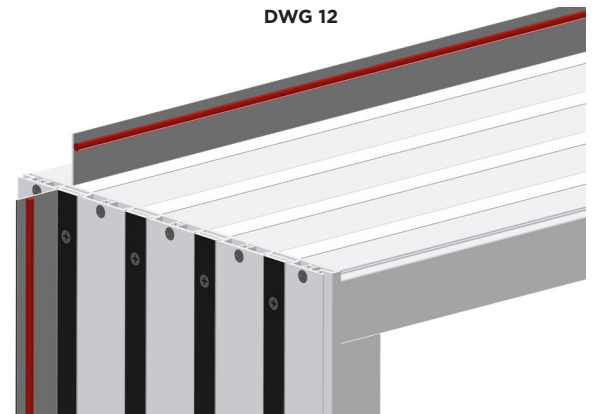
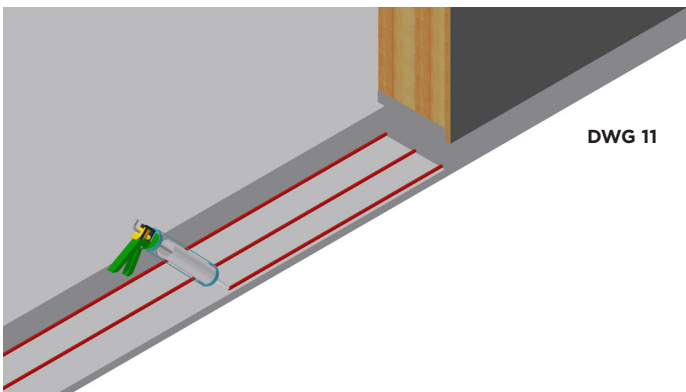
**NOTE:** The door must be installed square, level, plumb and on a flat surface. Failure to do so could result in the denial of warranty claims. Failure to follow these instructions may result in damages not covered by the product warranty. Air or water leakage above, under or around this door is not covered by the product warranty.

- Carefully inspect the sill condition of the opening to ensure it is level (not crowned or sagging). Leveling compound or composite shims may be used in low spots while high spots should be ground level.
- Install a sill pan or pan flashing product (selected by installer or owner)
- Apply a minimum of 3 beads of exterior grade sealant, 3/8" diameter, across the sill of the opening (DWG 11). Use a skip gap method (a 2" gap for every 2' of sealant) to prevent trapping moisture in the area below the door. If a sill pan is not installed, apply 3 continuous beads of sealant across the sill of the opening and 6" up on both sides of the opening. The outer most bead should be approximately 1" in from the outer edge of the door frame.

- If the frame has a nailing fin attached, apply a continuous bead of sealant to the interior side of the nailing fin, around the entire perimeter of the door. The bead of sealant should be approximately 1/4" from the outer edge of the nailing fin (DWG 12).

**WARNING!** To avoid injury, use a minimum of 2 people to raise the frame. While 2 people can raise the frame, the help of a third person is strongly recommended to ensure proper frame alignment and fastener installation.

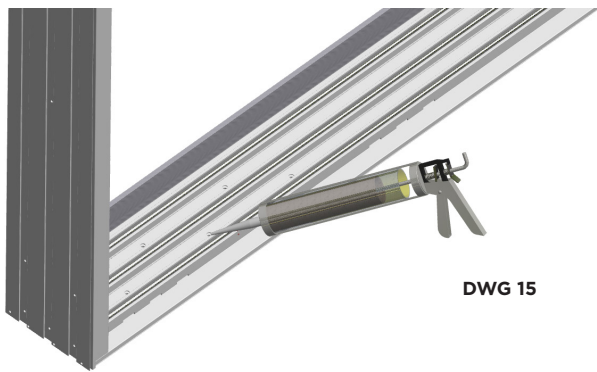
- Raise the frame into the opening (DWG 13). Align the interior of the frame with the interior wall plane, unless specified otherwise by the architect or building owner.
- While one person is holding one side of the frame in place, install the appropriate corrosion resistant fastener near the opposite top corner of the door (DWG 14), through one of the pre-drilled installation holes in the jamb, making sure the frame is plumb, level and square.



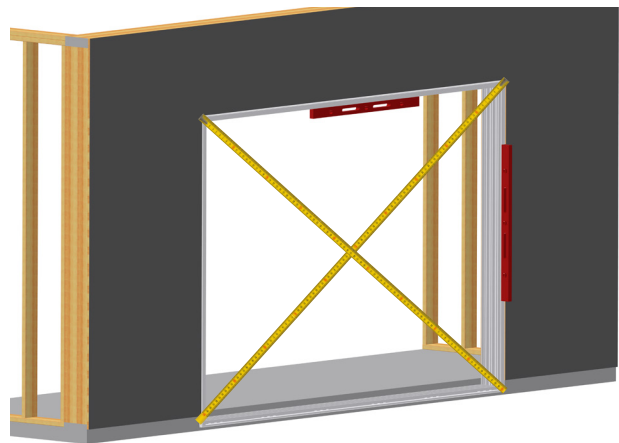


## FRAME INSTALLATION (CONT.)

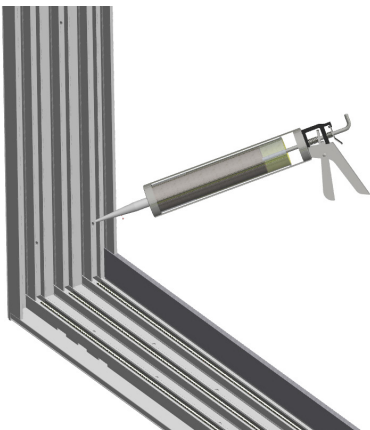
- Next, fasten the door to the opening through the sill, by installing a fastener through every pre-drilled hole. **IMPORTANT!** Make sure to fill all pre-drilled holes in the sill with an exterior grade sealant prior to fastener application (DWG 15). Apply sealant over the heads of the screws once they are properly seated.
- Continue to fasten the door to the opening through the jambs by installing a fastener through every pre-drilled hole. Shim between the door frame and opening at each fastener location, using caution to ensure the frame is plumb, level and square (DWG 16). Important! Fill all pre-drilled fastener holes in the jambs that are 6" or less above the sill with an exterior grade sealant prior to fastener application (DWG 17). Apply sealant over the head of the screws once they are properly seated.
- Install screws through every pre-drilled hole in the frame head. Shim between the frame head and the opening at each fastener location, using caution to ensure the frame is plumb, level and square. It is critical that the frame head is level to ensure proper operation and performance. A chalk line with a line level or a laser level are helpful when checking to make sure the frame head is level.
- Install the sill covers into the sill as shown (DWG 18).
- If flashing the door, follow the flashing manufacturer's recommendations while ensuring compliance to local codes.



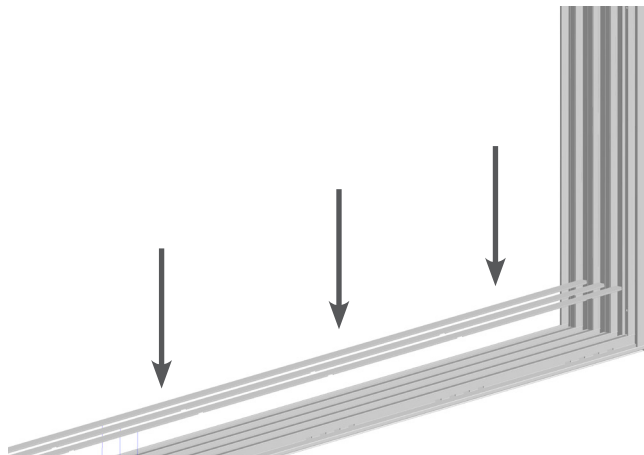
DWG 15



DWG 16



DWG 17



DWG 18

# PANEL INSTALLATION

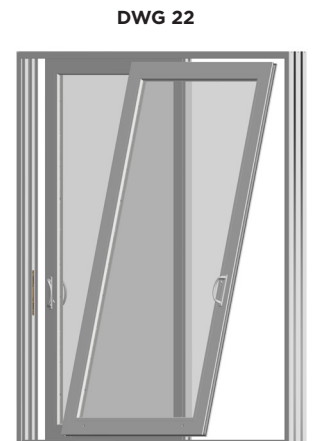
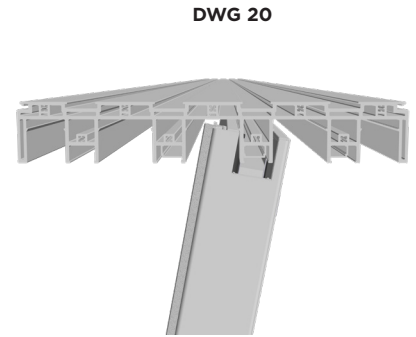
Refer to the chart below to familiarize yourself with the door configuration you're installing and to help ensure correct panel placement.

|                  | Standard Stack | Reverse Stack |
|------------------|----------------|---------------|
| XO<br>(2P2T)     |                |               |
| OX<br>(2P2T)     |                |               |
| XX<br>(2P2T)     |                |               |
| XXO<br>(3P3T)    |                |               |
| OXX<br>(3P3T)    |                |               |
| XXX<br>(3P3T)    |                |               |
| XXXO<br>(4P4T)   |                |               |
| OXXX<br>(4P4T)   |                |               |
| XXXX<br>(4P4T)   |                |               |
| OX-O<br>(3P2T)   |                |               |
| O-XO<br>(3P2T)   |                |               |
| OXXO<br>(4P2T)   |                |               |
| OXXXXO<br>(6P3T) |                |               |

Exterior / Interior

## PANEL INSTALLATION

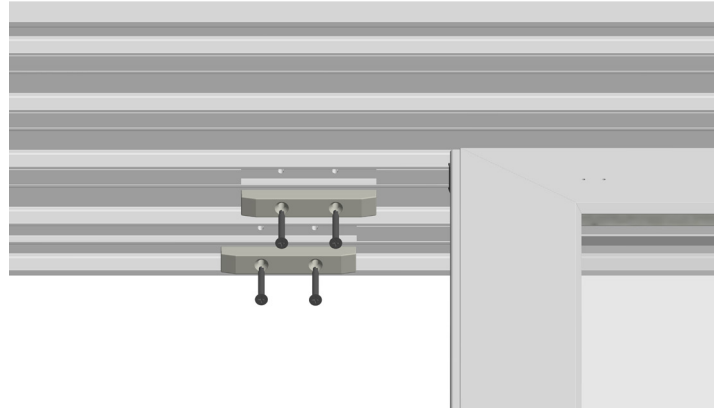
- Panels are to be installed from the exterior of the home.
- Install panels on the interior track first and work your way outward.
- Install the panel labeled 1 first, followed by the panel labeled 2, then 3, etc.
- Roller adjustment holes should always face the exterior.
- NOTE: Prior to installing the door panels, make sure the weatherstrip pads have been placed on the panels (DWG 19). There is 1 - weatherstrip pad located at each corner of the panel (4 per panel).
- Locate the panel labeled 1. From the exterior, tilt the panel inward so the recess in the top of the panel aligns with the inner most track in the frame head (DWG 20).
- Lift the panel so it engages the head track, then swing the bottom of the panel inward (DWG 21). Lower the panel onto the inner most roller track, making sure that the rollers are centered on the track.
- Roll the panel to each side of the frame to check for rubbing or alignment issues. Make adjustments as necessary before installing additional panels.
- Slide the panel to its designated position (where it would be located when in the closed position).
- Continuing installing additional panels in the same manner, making sure to install them in the correct sequence (panel 2 after panel 1, panel 3 after panel 2, etc.). Make sure to overlap the panel you are currently installing with the panel previously installed to ensure panel interlocks are positioned properly (DWG 22).



## INSTALL ANTI-LIFT BLOCKS

- Anti-lift blocks (found in the red hardware bag) are installed after the panels have been installed. There are pre-drilled holes in the head to locate the anti-lift blocks (DWG 23).
- For panels that engage a side jamb, there will be 1 anti-lift block, located over the edge of the panel that is farthest away from the side jamb. Panels that interlock with other panels or engage an astragal will have 2 anti-lift blocks, one over each edge of the panel (DWG 24).
- Note: For doors with different exterior and interior colors, make sure to use the anti-lift block that matches the frame color in the area it is being installed
- Starting from the left, slide the panel(s) away from the area in which you'll be installing the anti-lift blocks. Align an anti-lift block over the predrilled holes in the head of the door frame and secure it in place using 2 - #14 x 2-1/2" SS pan head screws (DWG 25).
- Note: Shim above each anti-lift block to avoid distorting the frame.
- Continue to reposition the panels to expose the areas in which the remaining anti-lift blocks will be installed. Repeat the installation process for all remaining anti-lift blocks.

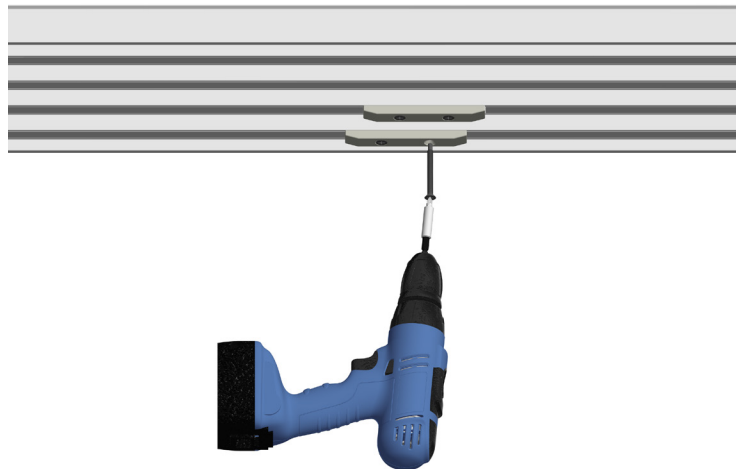
DWG 23



DWG 24

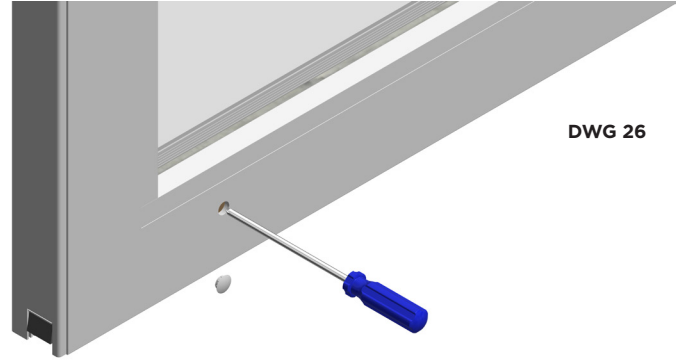


DWG 25



## ROLLER ADJUSTMENT

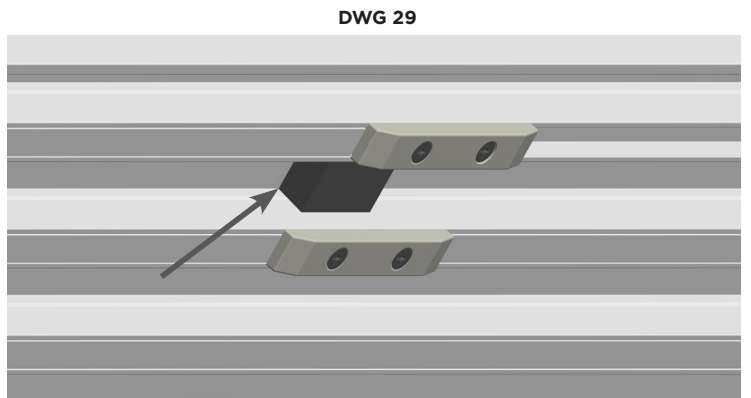
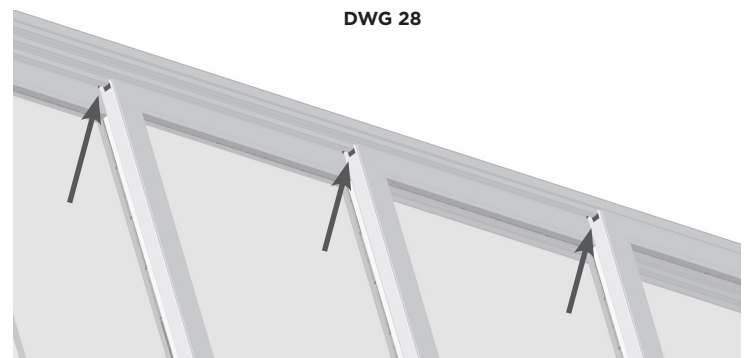
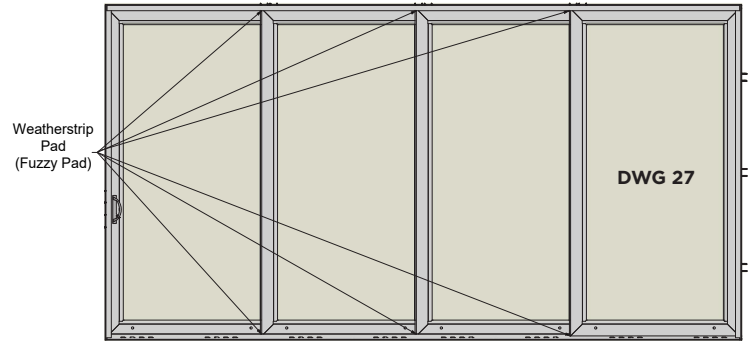
- Rollers should be adjusted so that there is adequate clearance between the top of the panel and the anti-lift blocks and so that panels do not drag on the track.
- There are two rollers in each panel that can be adjusted.
- To adjust a roller, insert a #3 Phillips hand screwdriver into the roller adjustment hole, which is located on the exterior side and bottom rail of each panel (DWG 26).
- Important! Do not use a cordless drill or other power driver to adjust rollers
- Rotate the adjustment screw clockwise to raise the panel or counterclockwise to lower the panel. For easier adjustment, lift the panel or use a pry bar to reduce the weight on the roller.
- Check for proper operation and interlock engagement.
- Install the vinyl caps (found in the yellow hardware bag) into the roller adjustment holes.





## INSTALL WEATHERSTRIP (FUZZY) PADS

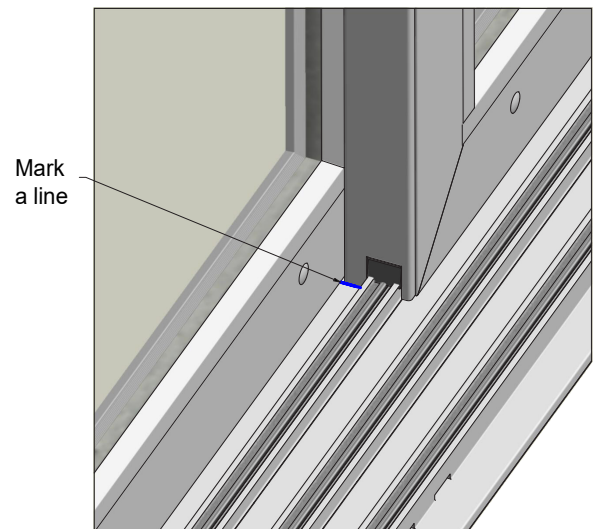
- Weatherstrip (fuzzy) pads (found in the green hardware bag) are to be installed above and below the area where panels interlock, in the tracks of the frame head and sill (DWG 27).
- To locate the position of the weatherstrip pads in the frame head, close the door.
- From the exterior, mark the frame head at the end of each panel with a pencil or masking tape (DWG 28).
- Move the panels away from the area where the first weatherstrip pad will be applied.
- Remove the adhesive backing from a 1.4" x 2.43" weatherstrip pad and place it into the head track so that one end aligns with the mark made in the frame and the other end will be concealed when the panel is closed (DWG 29).
- Continue to apply weatherstrip pads in the head tracks above each panel, in the areas previously marked, making sure they are oriented so that they are concealed once the panels are closed.



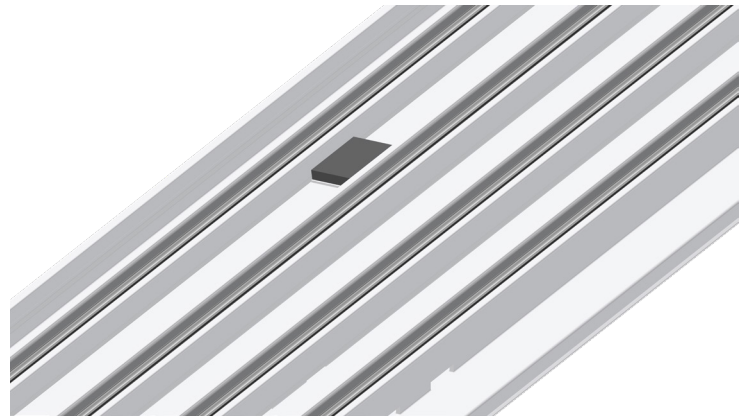
## INSTALL WEATHERSTRIP (FUZZY) PADS (CONT.)

- Next, mark the frame sill at the end of each panel with a pencil or masking tape (DWG 30).
- Remove the adhesive backing from a 1.43" x 2" weatherstrip pad and place it into the sill track so that one end aligns with the mark made in the frame and the other end will be concealed when the panel is closed (DWG 31).
- Continue to apply weatherstrip pads in the sill tracks below each panel, in the areas previously marked, making sure they are oriented so that they are concealed once the panels are closed.
- For bi-parting doors (OXO OXXO, OXXXXO), place one 1.4" x 2.43" weatherstrip pad directly above the top of the panel in which the lock is installed and place one 1.43" x 2" weatherstrip pad directly below the bottom of the panel in which the lock is installed (DWG 32).

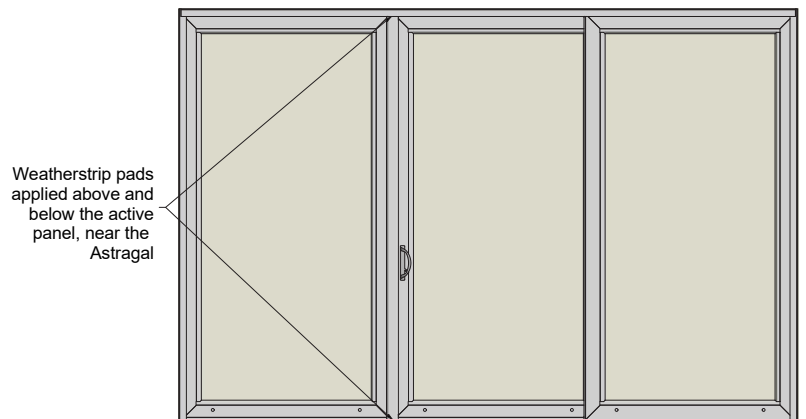
DWG 30



DWG 31

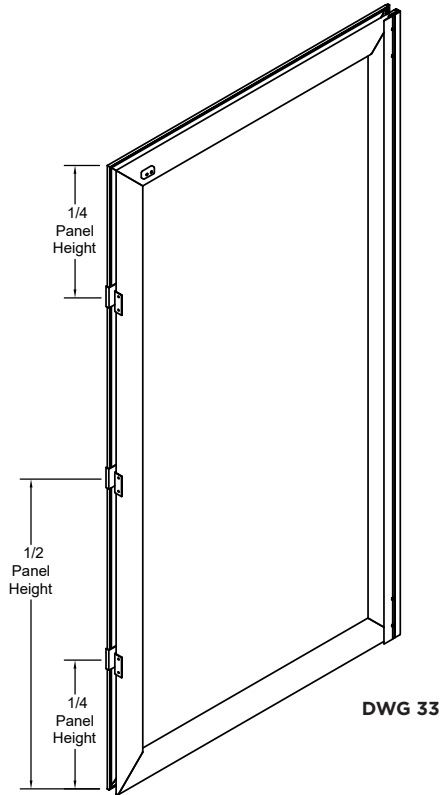


DWG 32



## INSTALL FIXED PANEL CLIP(S)

- **NOTES:** Install 3 fixed panel clips only to the side of the panel that is to be secured to the frame jamb.
- Locate the first fixed panel clip (found in the red hardware bag) in the center of the panel, push it into place making sure the longer leg is positioned to the interior, and secure it with 2 - #12 x 1" SS pan head screws
- One of the remaining fixed panel clips is to be placed at the midpoint between the top of the panel and the fixed panel clip located at the center of the panel and secured in place with 2 - #12 x 1" SS pan head screws.
- The last fixed panel clip is to be placed at the midpoint between the fixed panel clip located at the center of the panel and the bottom of the panel and the secured in place with 2 - #12 x 1" SS pan head screws.
- Push the panel against the jamb, making sure it is fully seated. Secure the panel to the jamb from the interior, using 2 - #12-11 x 2" SS pan head screws through the exposed holes in each of the 3 fixed panel clips (DWG 35).



DWG 33



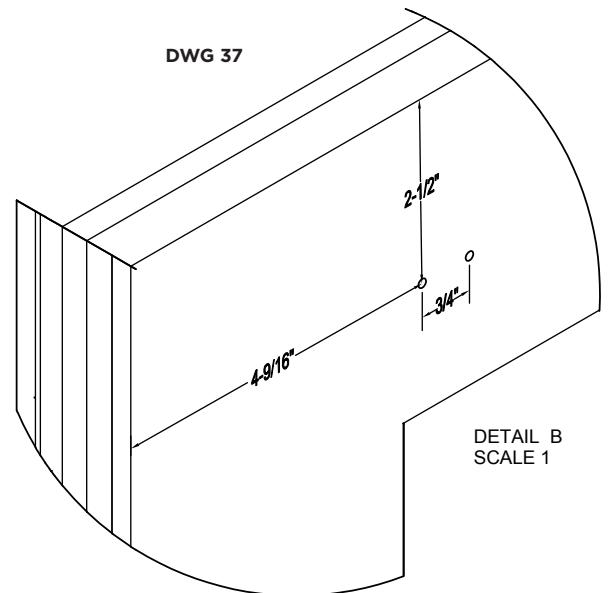
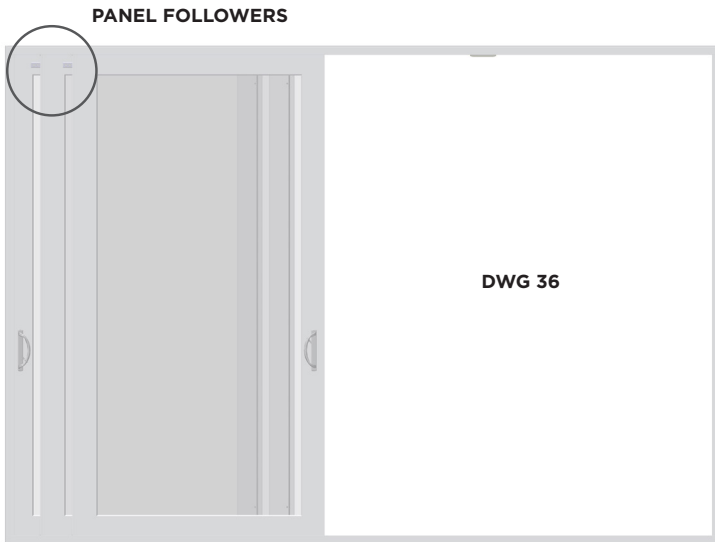
DWG 34

DWG 35



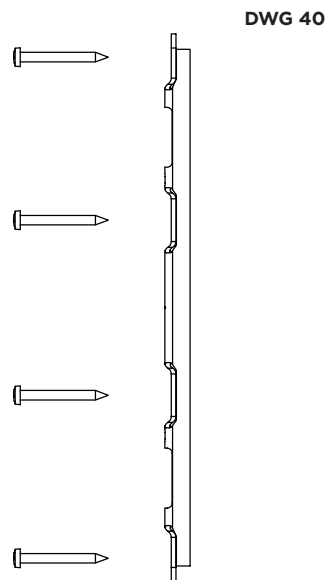
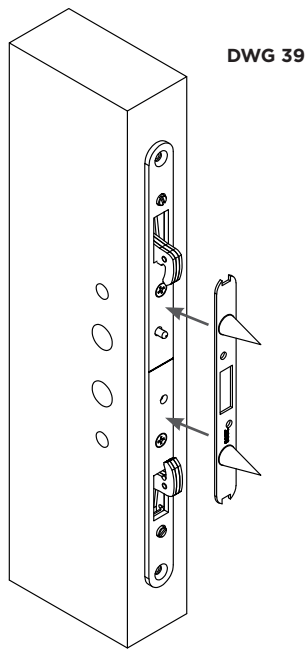
## INSTALL PANEL FOLLOWERS

- NOTE: Panel followers collect the panels as the door is opened. They also prevent the handles from making contact with and possibly damaging the adjacent panel(s) (DWG 36).
- Install the first panel follower (found in the yellow hardware bag) on the panel that is adjacent to the panel with the handle as this will prevent the handle from making contact with this panel.
- Measure 2-1/2" down from the top of the panel and 4-9/16" from the edge of the panel and mark this location with a pencil. Next measure 2-1/2" down from the top of the panel and 3/4" across from the mark previously made and mark with a pencil. (DWG 37).
- Drill 2 pilot holes, one at each mark, for a #8 screw.
- Secure the panel follower to the panel with 2 - #8 x 3/4" SS pan head screws (DWG 38).
- Install the remaining panel followers per the instructions above. Only 1 panel follower is required on panels that will collect other panels.



## INSTALL THE LOCK KEEPER AND ADJUSTING THE LOCK

- Place the keeper location marker between the latch hooks of the lock (DWG 39). Close the door with sufficient force to mark the jamb or astragal to which the keeper will be mounted. The marks created are the locations of the 2 center keeper installation screws.
- Place the keeper (found in the white hardware bag) over the marks in the jamb or astragal, making sure to align the center slots in the keeper over these marks. With a pencil, mark the location of the top and bottom slots in the keeper. Drill 4 pilot holes for a #8 screw at each of these 4 marks and secure the keeper using 4 - #8 x 2-1/2" SS pan head screws (DWG 40).
- When securing the keeper, make sure there is adequate support behind the jamb, such as framing. Make sure to shim behind the keeper to avoid distorting the frame. Do not overtighten screws.
- Check to make sure the lock properly engages the keeper. The keeper can be adjusted upward or downward as necessary.
- The reach of the lock hooks may also be adjusted to ensure proper engagement with the keeper by turning the 2 screws found on the face of the lock.



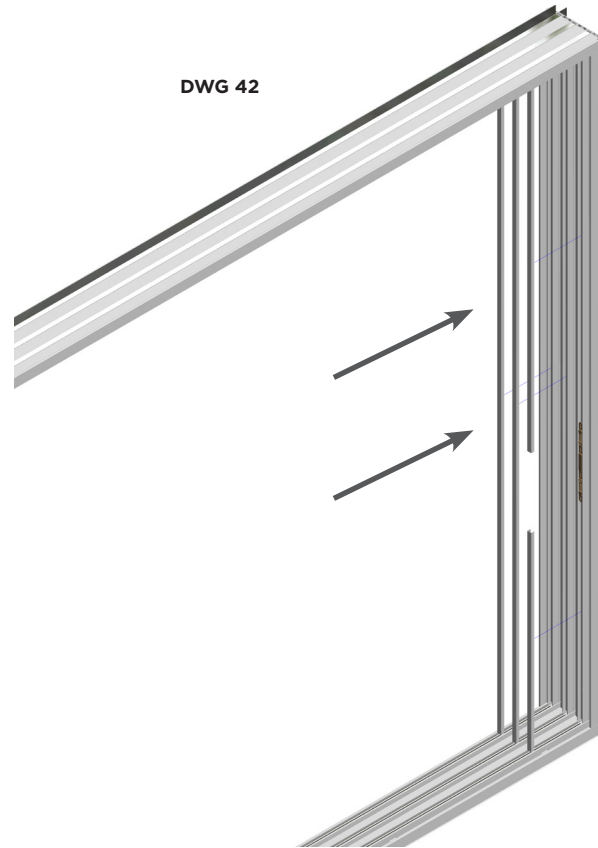
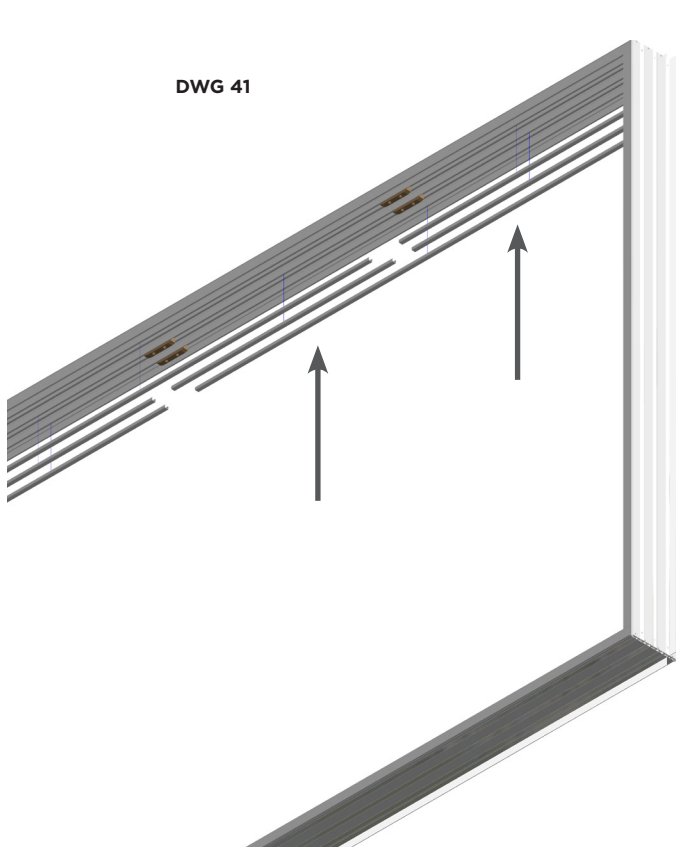
## HANDLE INSTALLATION

- Install the handles at this time. Instructions are included in the box that the handles are packaged in.



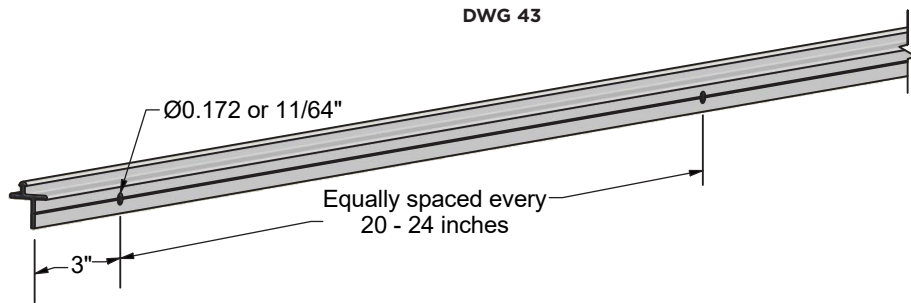
## INSTALL TRACK FILLERS

- Install the track fillers in the frame head (DWG 41). Track fillers are cut to length. Make sure to use the length that is appropriate for the width of the door. For tracks in which there is an anti-lift block, measure, cut and install the track fillers to fit around the anti-lift blocks.
- Once all track fillers are installed in the head, install the remaining track fillers in the side jambs, starting at the top and working downward (DWG 42).



## STANDARD SCREEN TRACK INSTALLATION

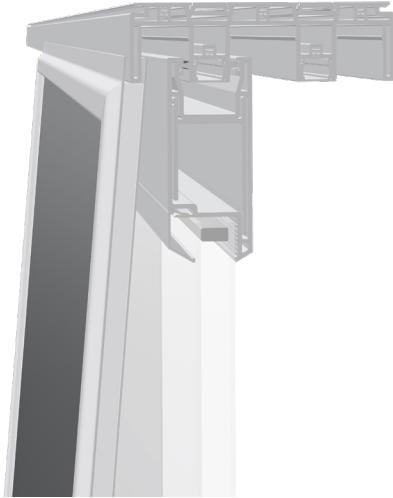
- Drill a clearance hole for a #8 screw 3" inward from each end of the standard screen track and every 20" to 24" in between (DWG 43). For high-traffic areas, such as just beneath the active panel(s), drill clearance holes every 12".
- Place the standard sill track on the outer edge of the door sill and secure in place using #8 x 1/2" SS pan head screws (DWG 44).



## STANDARD SCREEN INSTALLATION

- From the exterior, tilt the top of the screen inward, aligning the outer most wall of the door frame with the recess in the top of the screen (DWG 45).
- Lift the screen so that it engages the door frame then swing the bottom inward.
- Lower the screen so the rollers are centered on the track (DWG 46).
- To install the screen keeper, follow the instructions provided with the screen.

**DWG 45**

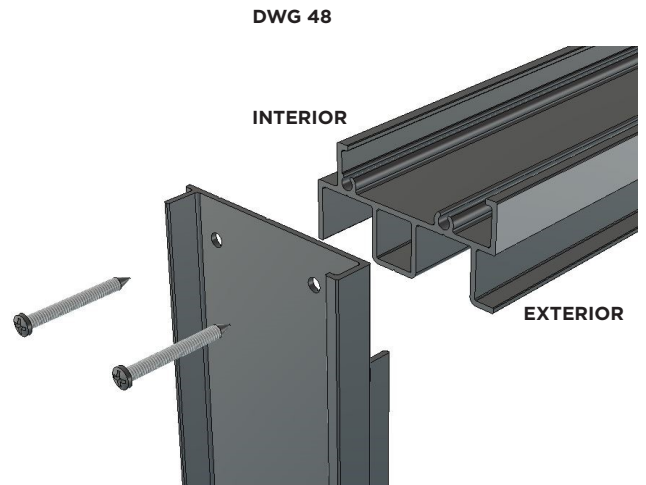
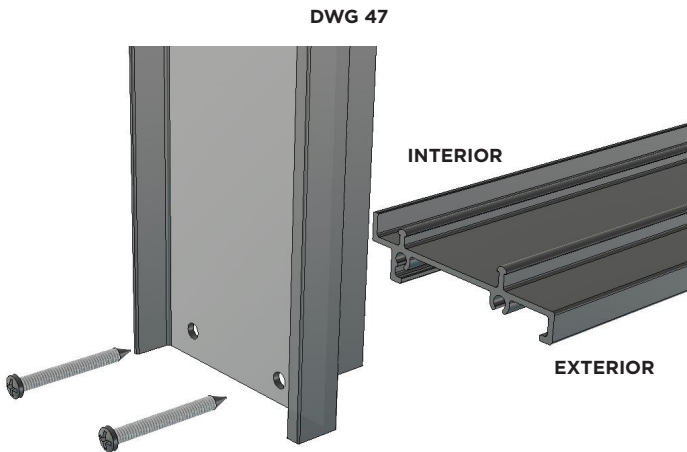


**DWG 46**



## BOX SCREEN TRACK ASSEMBLY

- Clean an area of the floor where the door will be assembled.
- Place cardboard and/or drop cloths on the floor to protect the frame from damage
- Using the supplied #8 x 1-1/2" pan head screws, fasten the side jamb track to the to the sill track through the pre-drilled holes (DWG 47). Tighten screws until snug, making sure to not overtighten.
- Repeat the same process for the other side jamb track
- Next, assembly the head track to the side jamb tracks in the same manner (DWG 48).



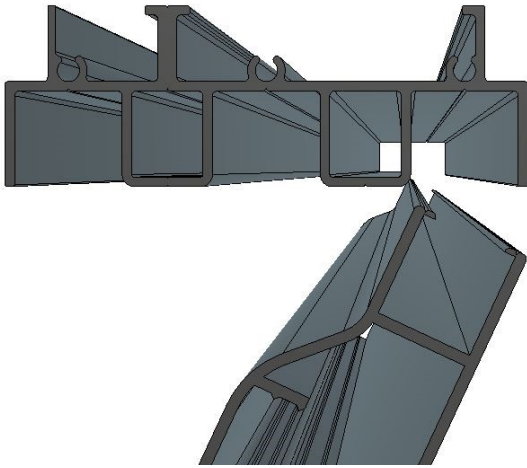
## BOX SCREEN TRACK INSTALLATION

- Raise the screen track frame into the opening, making sure the interior surface is resting flush with the exterior surface of the multi-slide door frame.
- While one person is holding one side of the frame in place, install the supplied 8 x 2" screws through one of the pre-drilled holes in the opposite side jamb track, near the top corner, making sure the frame is plumb, level and square.
- Continue to fasten the screen track frame to the opening through the frame head, jambs fasten the sill with the supplied 8 x 1-1/4" flat head screws through every pre-drilled hole. Shim between the screen track frame and opening as necessary, using caution to ensure the frame is plumb, level and square.

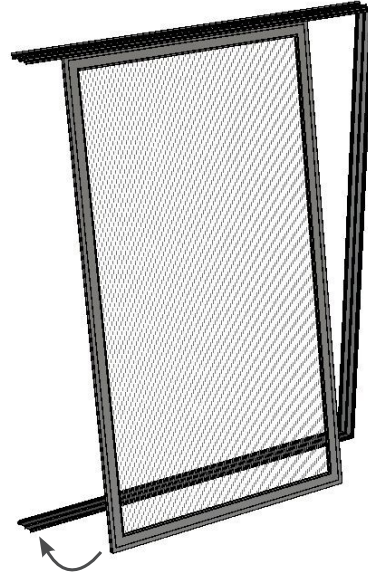
## BOX SCREEN INSTALLATION

- Locate the screen labeled A. From the exterior, tilt the screen inward so the top of the screen aligns with the inner most track in the screen frame head (DWG 49).
- Lift the screen so it engages the head track, then swing the bottom of the screen inward (DWG 50). Lower the screen onto the inner most roller track, making sure that the rollers are centered on the track.
- Roll the screen to each side of the frame to check for rubbing or alignment issues. Make adjustments as necessary before installing additional screens.
- Slide the screen to its designated position (where it would be located when in the closed position).
- Continuing installing additional screens in the same manner, making sure to install them in the correct sequence (screen B after screen A, screen C after screen B, etc.). Screen B will be placed into the second track from the interior, Screen C will be placed in the third, etc. Make sure to overlap the screen you are currently installing with the screen previously installed to ensure screen interlocks are positioned properly (DWG 51).

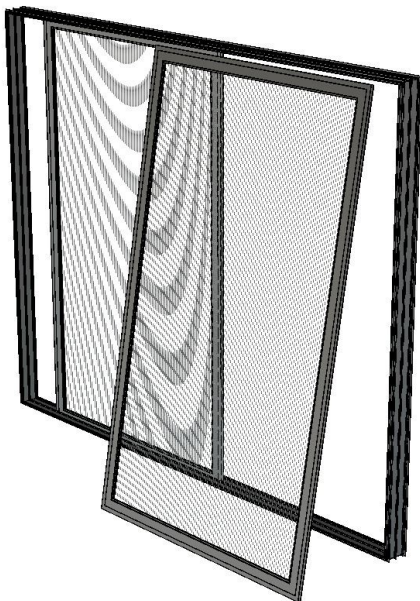
DWG 49



DWG 50



DWG 51





## FINAL INSTALLATION DETAILS

- Use backer rod or low expansion foam to create an interior seal between the door frame and the rough opening.
- Do not return exterior finishes (stucco, siding, trim, etc.) to the door frame - leave a 3/8" expansion gap. Seal the expansion gap with backer rod and/or sealant as necessary.
- When sealing at the sill, leave gaps/voids in the sealant to allow for water drainage (a 2" gap for every 2' of sealant).



© 2022 Simonton Windows & Doors, Inc., part of **Cornerstone Building Brands**, Inc. ALL RIGHTS RESERVED. 7104229991101/MS/0922



PART OF THE CORNERSTONE BUILDING BRANDS FAMILY | SIDING + ACCESSORIES | WINDOWS + DOORS | STONE VENEER | TRIM + MOULDINGS | FENCE + RAILING