

series 600 multi-slide non pocketed



installation instructions

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installation instructions

Multi-slide doors are custom manufactured specific to each application. Prior to installation it is important that you carefully review and understand the installation instructions and any drawings supplied. Failure to follow these instructions may result in poor performance including, but not limited to, operation, security and weatherproofing.

This is a finished product that must be protected before, during and after installation to prevent damage to the glass, frame finish and hardware. The flush and water barrier sill tracks are supplied with individual track protectors that should be removed prior to assembly and installation of the frames. Upon completion of door installation the track protectors can be selectively cut to length and re-installed to allow for specific panel operation or no panel operation. **Door panels should be stored and transported upside down to avoid damage to the bottom rail extension.** The components supplied will vary depending on the configuration you are installing. Before proceeding with the installation, inspect the components to become familiar with them, and confirm that there is no damage that will affect the appearance or performance of the installed product. Damaged or missing parts should be reported to your supplier immediately. If screens are included they will be installed in a similar fashion as the glass panels.

Frame components: Each door will have a head assembly, a threshold assembly, and two jamb assemblies.

Panel components: The number of fixed and operating panels will depend on the configuration of the door you are installing. Familiarize yourself with the drawings to determine how many fixed, intermediate and lead panels you are dealing with. If this is a bi-parting door you will have one active lead panel and one inactive lead panel, both installed on the extreme inside track. The one that contains the lock mechanism is the active panel and will be installed to the right of center, as viewed from the outside of the building. Fixed panels have no rollers. Intermediate panels will have two interlock stiles.

frame installation

1. Refer to the drawings supplied and inspect the rough opening carefully to ensure it has been prepared correctly to accept the configuration and size you are installing.
2. If the floor condition is wood it must be protected with an appropriate flashing or waterproofing material prior to door frame installation.
3. Check the floor to see that it is flat and level. If the floor varies more than .0625" (1/16") per foot or a total of .25" (1/4") over the entire width of the opening, it must be corrected before proceeding with installation.
4. Determine the top inside of the threshold assembly by holes in the weather strip panel. Position the threshold on the floor in the approximate location and make sure the inside edge of the threshold is properly aligned with the structure.
5. Inspect the threshold assembly where it meets the surface of the floor. Check for, and mark, any gaps that will need to be filled or shimmed prior to final anchoring. The final installation must result in the threshold being level and supported continuously for proper operation.
6. Once you are satisfied that the threshold assembly is in the correct location, carefully inspect the header above to confirm that the head assembly can be installed directly above it at the proper height. Mark the inside edge full length, and across each end sufficient to locate the inside corners. There are installation holes in the weather-stripped channel of each additional track that align with the countersunk holes. Beginning with the holes in the inside track, mark the floor through each hole. Remove the threshold assembly from the opening.

installation instructions

frame installation continued

7. If the floor condition is concrete, drill .25" (1/4") installation holes at each marked location approximately 2" deep and insert one of the green plastic anchor plugs supplied. NOTE: If you choose to drill the installation holes through the threshold assembly in lieu of drilling them after it is removed, it is important to vacuum all of the debris from the weather-stripped channel to avoid contamination of the weather-stripping and roller assemblies.
8. If the floor is wood with flashing or waterproofing, apply a generous amount of the appropriate sealant at each mark where the installation screws will penetrate the flashing.
9. Apply a .50" (1/2") wide by .50" (1/2") high bed of sealant on the floor along the exterior side of the mark, from jamb to jamb and from the inside corners across the end to the outside edge of where the threshold assembly will be. Inspect the sealant carefully to ensure that a complete water barrier has been accomplished across the full width of the opening.
10. Using the marks on the floor set the threshold assembly back in place. Shim as required and proceed with anchoring. Use #10 X 2.5" flathead countersunk screws, finished to match the frame color, to anchor the inside track, and #10 X 2.5" zinc plated flathead screws in the weather-stripped channels.
11. Inspect the opening header to confirm that it is ready to receive the door head assembly and that there is sufficient backing for anchoring. Based on the net frame height shown on the shop drawings, determine if additional material needs to be added to the header to minimize shimming.
12. Using a plumb bob, project a sufficient number of points onto the structure above to locate the head assembly directly above the threshold assembly. Carefully raise the head assembly into position and temporarily anchor using #10 X 2.5" flat head screws, finished to match the frame color, through the predrilled holes, sufficient to hold it safely.
13. Seal the pre-drilled hole/s in the threshold end plates using Dow Corning 795 silicone, or equal. Raise or lower the head to align the holes in the jamb with the holes in the end plates and anchor using #12 X 3/4" and #12 x 1 pan head screws. Shim the lock jambs as required to ensure they will be plumb and anchor to the structure through the additional holes using #10 X 2.5" flat head screws,
14. Complete the jamb assembly by placing the jamb filler into the jamb and with a non marring mallet and lightly tap it into place.
15. Complete the anchoring of the head assembly to ensure that it is flat, level and parallel with the threshold.

panel installation

1. Locate and remove the black foam blocks from the head channels. The blocks are approximately 1" X 1" X 1.75", and there will be one in each channel. Set them aside temporarily, they will be reinstalled when the panel installation is complete.
2. Each panel will be marked with the unit number, and a panel letter, lettered from left to right as viewed from the outside.

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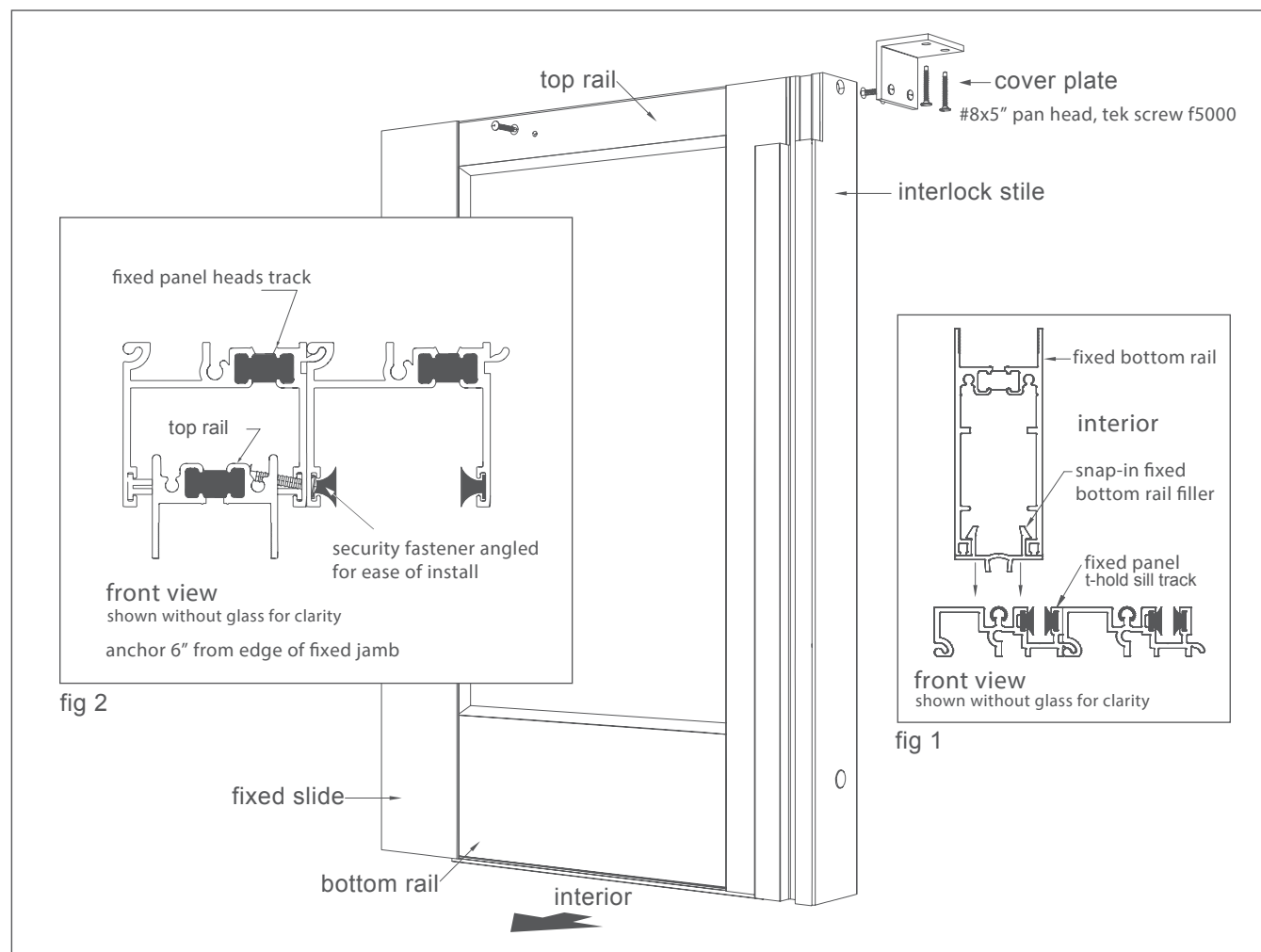
installation instructions

panel installation continued

3. Locate the lead panel. If you are installing a door that is bi-parting, there will be two lead panels. The active panel, the one that contains the lock mechanism, will be installed first on the left side of the extreme inside track. If the door has only one lead panel, it will be installed on the extreme inside track on the appropriate side depending on the configuration of the door you are installing. From the outside of the building, with the bottom rail vinyl to the outside, lean the top of the panel in and insert it into the extreme interior head track and lower it onto the threshold. Using a medium size phillips screwdriver through the middle hole at the bottom of each stile adjust the rollers to achieve a dimension of approximately 375" (3/8") from the bottom of the stile to the top surface of the threshold. Roll the panel towards the lock jamb to view the vertical gap between the panel and jamb. Make final roller adjustments so the gap is consistent from top to bottom.
4. Locate the lettered panel that is to be installed directly adjacent to the lead panel. From the outside of the building, with a portion of the panel overlapping the interlocker of the lead panel, insert the top into the next head track and lower onto the threshold. Repeat the same process with the remaining panels. Temporarily adjust the rollers on the active panels so that they roll freely.
5. If the door has fixed panels, they will go in last. Refer to the attached drawing on the next page. Position the adjacent rolling panel to allow the fixed panel to overlap it when the jamb stile of the fixed panel is within a few inches of the fixed jamb.
6. Make final adjustments to the panel rollers to achieve the optimum alignment throughout the entire door.
7. Adjust the strike plate on the lock jamb by loosening the two machine screws and moving it up or down until the lock engages fully when actuated. To remove excessive slack, open the sliding panel and adjust the lock using the slotted adjusting screw in the center of the lock.
8. With the door in the fully closed position, from the exterior of the building, reinstall the black foam blocks (from instruction #15) up into the head channels against the small rubber bumper to close the head channel gap above the panel.
9. Seal the bottom of the fixed panel to the threshold on the exterior side. Seal the interior side of the threshold to the floor from jamb to jamb. Seal the exterior of the door frame at the head and jambs. Do not seal the exterior of the threshold. The weep slots on the exterior of the threshold must remain open.
10. The door installation is complete.

installation instructions

multi-slide fixed panel installation



information

As shown on this drawing, position the adjacent rolling panel to allow the fixed panel to overlap it when the jamb stile of the fixed panel is within a few inches of the fixed jamb. Insert the top of the fixed panel into the outside head channel and swing the bottom in until the panel is vertical and lower onto the surface of the threshold. The fins protruding from the bottom of the fixed panel will align the panel (see fig 1). Lift the interlock side of the panel slightly to avoid scratching the threshold and slide it all the way into the fixed jamb. After completing all door adjustments, Install a #8 X .75" self tapping screw into the head and through the top rail of the panel as indicated on Page 4 (see fig 2). The self tapping screw should penetrate the head through the weather-strip channel and angle upward to penetrate the the top rail of the panel. Position this anchor point approximately 6" from the edge of the fixed jamb. It may prove beneficial to drill 1/8" hole into the weatherstrip channel prior to running the self-tapping screw into the top rail of the panel.

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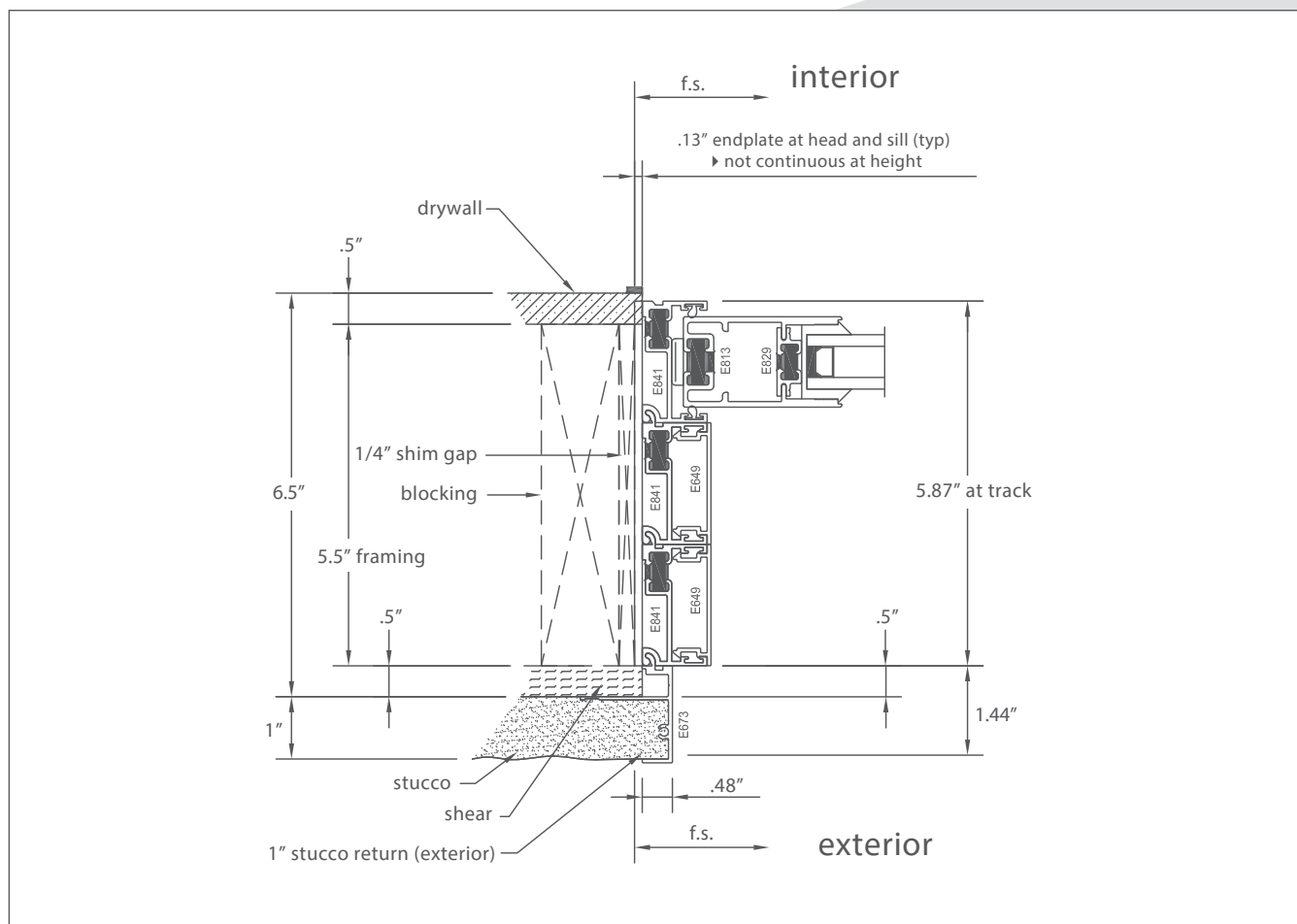


installation instructions

nail fin stucco return

If you have selected the optional stucco return kit, please see instructions for important information regarding the purpose of this kit and its intended use.

Stucco return: depending on what market you serve, you may have purchased either a 1" stucco return or a 1 3/8" stucco return.



The intended use of this optional kit is to provide a return surface to aid in the installation process, waterproofing, and to create a solid return for stucco or other exterior finish applications. This return is designed to work only with Series 600 non-pocket multi-slide doors from Western Window Systems. Due to field conditions, 90-degree corner units are excluded from this kit option.

The stucco return will be factory applied and sealed to head and jambs only. It is the responsibility of the installer to assemble the frame, connect the head return to the jamb return using a 1" Phillips pan head screw, and apply the supplied corner pieces to the nail fin prior to fitment in the opening.

Waterproofing is the responsibility of the installer.

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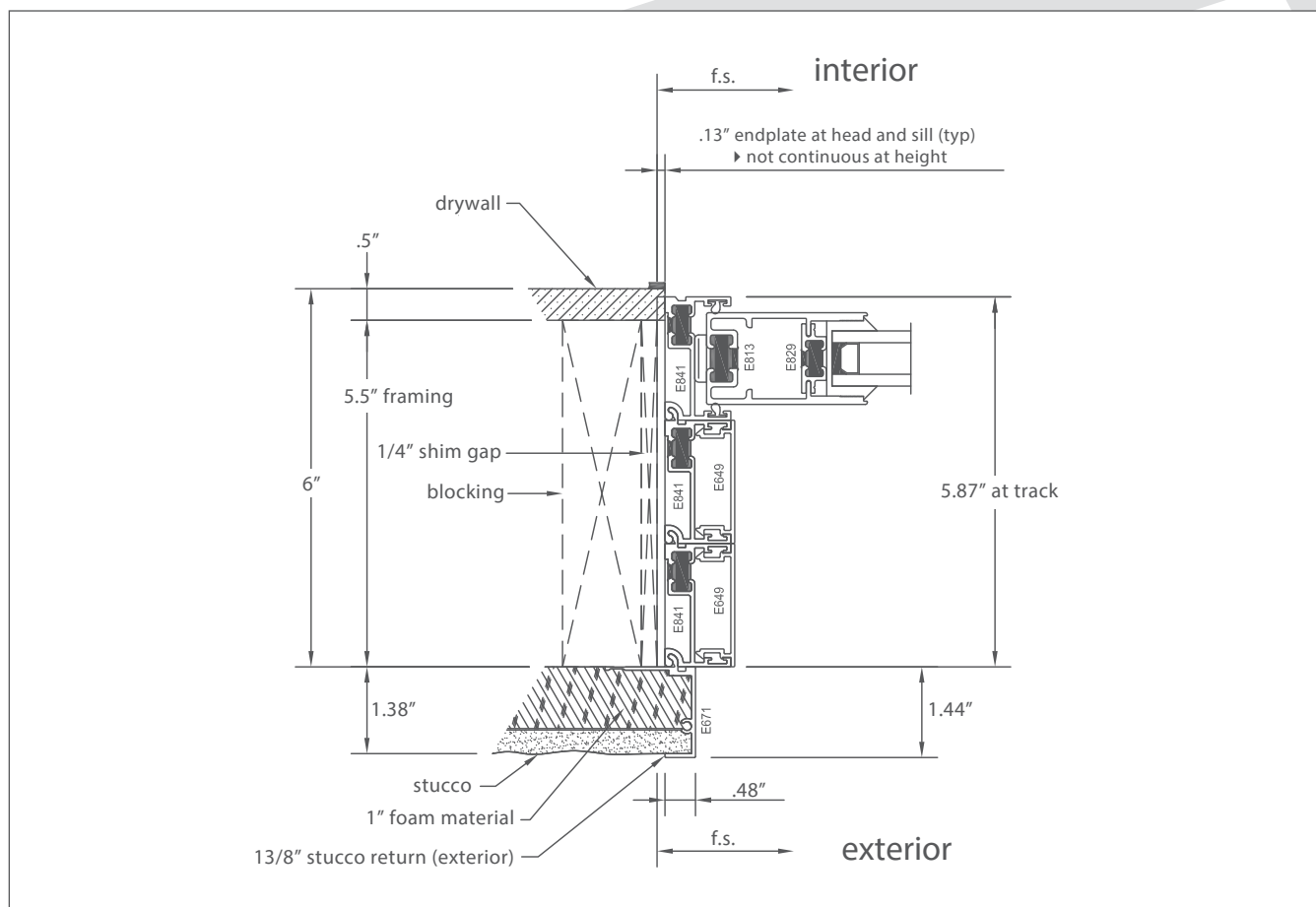
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installation instructions

nail fin stucco return

Caution: it's critical to note that the stucco return should not be considered the primary anchoring point for the perimeter frame of the door. The frame must be anchored through the jambs per the instructions contained herein. A quality flashing material, preferably a 9" wide .25 mil moldable membrane should be applied to the studs in weatherboard fashion and a liberal amount of caulking applied to the back of the nail fin prior to standing the door frame in the opening. Additional fasteners must be used to secure the nail fin to the stud face. Corrosion resistant fasteners should be used to secure the frame to the stud face and placed every 12- 16 inches around the perimeter of the frame. Be certain not to apply a fastener within 3" in either direction of the top corners per AAMA 2400 Method B installation standards.



Note: Be certain to seal the back side of the applied corner sections at the top of each jamb extending a minimum of 3" in each direction to ensure a weather tight seal. (See Diagram). Follow all directions to finish the installation.

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installation instructions

nail fin stucco return

