

series 2600 multi-slide non-pocket



western
window systems
westernwindowssystems.com



installation instructions





installation instructions

Exposed interior or exterior wood must be finish-coated immediately after receipt to control moisture gain and movement, which can cause warping and other problems.

Begin by inspecting the rough opening carefully to ensure it has been properly prepared to accept the configuration and size you are installing. Then check the floor to see that it is flat and level. If the floor varies more than 1/16-inch per foot or a total of ¼-inch over the entire width of the opening it must be corrected before proceeding. If the floor is concrete a waterproofing membrane must separate the aluminum from the concrete. If it is a wood substrate it must be protected with appropriate flashing for waterproofing material prior to doorframe installation.

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

Next, determine the top inside of the threshold by referring to your drawings and remove sill protector strips. 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. Inspect the threshold assembly where it meets 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. If the floor condition is wood, it must be protected with appropriate flashing or waterproofing material prior to installation.

Mark installation holes and then remove sill. The next step is to drill ¼-inch installation holes at each marked location approximately 2 inches deep and insert a supplied green plastic anchor plug. 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.

Start by assembling the frame on the floor prior to installing in the opening.

Start by laying out the frame parts with the interior sides facing upwards. Seal the predrilled holes in the threshold and head endplates. Then assemble the head and jambs to the sill using #12, ¾-inch pan head screws. Attach the interior wood trim to the header and jambs.

frame installation

1. Apply a half inch bead 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.
2. Apply sealant 6 inches up the inside of the jamb. Inspect the sealant carefully to ensure a complete water barrier has been accomplished across the full width of the opening.
3. Using the marks on the floor, set the threshold assembly back in place. Shim as required and proceed with anchoring.
4. Use number #10, 2 ½-inch flat head screws in the weather-strip channels.
5. Using a level, shim the lock jams as required to ensure that they will plum and anchor to the structure through the additional holes using number #10, 2 ½-inch flat head screws.
6. Complete the jamb assembly by placing the jam filler into the jamb using a plastic block and non marring mallet and tap it into place.
7. Complete the anchoring of the head assembly to ensure that it is flat, level and parallel with the threshold. Apply shims and fasteners at the pre drilled anchor locations in the head using #10, 2 1/2" flat head screws. Adjust as necessary to achieve a flat and level condition.
8. Begin by locating and removing the black foam blocks from the head channels.

installation instructions

frame installation continued

9. The blocks are approximately 1" x 1" x 2" and are located in each intermediate panel channel. Set them aside temporarily as they will be reinstalled when the panel installation is complete. Each panel will have a sticker identifying it as the lead panel, intermediate panel or fixed panel.

NOTE: The door kit will include one intermediate panel with a three panel door system, or two intermediate panels with a four panel door system.

lead panel installation

10. From the exterior 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.
11. When adjusting the roller height, carefully lift the panel up to take weight off the rollers prior to adjustment. Access the roller adjuster screw via the pre drilled hole on the interior wood face of the panel's bottom rail. Use a #2 Phillips head screw driver to adjust the roller height. Rollers should be adjusted to create 3/8" gap between the top surface of the threshold and the bottom of the panel's bottom rail. Once all the panels are in, final adjustments may be required to achieve desired reveals.
12. Roll the panel toward the lock jamb to view the vertical gap between the panel and jamb.
13. Make final roller adjustments so the gap is consistent from top to the bottom.
14. Locate the intermediate panel that is to be installed directly next to the lead panel.
15. From the exterior 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.
16. Repeat the same process with the remaining intermediate panels and make sure to adjust the rollers on the active panels so they roll freely, and set to the specified height above the threshold as noted in 13.
17. Locate the fixed panel and install last. From the exterior, lean top of the fixed panel in and insert into exterior head track and lower it onto the threshold.
18. Make sure the panel covers the "L" clip that has been attached to the sill.
19. Push the fixed panel into the jamb to seat.
20. Attach the security screw to the existing bracket mounted to the threshold using a #8, 1/2-inch hex screw through the predrilled installation hole located on the interior of the bottom panel sill plate.
21. To install the exterior "L" clip plate, place on top interlock style plate and mark hole to predrill. After hole has been drilled use a #10, 2 1/2 inch flathead screw through the head with the "L" clip resting against the fixed interlock style.
22. Make the final adjustments to the panel rollers to achieve the optimum alignment throughout the door system.
23. Now tap the wood and or plastic plugs provided in the hardware package into the adjustment hole.
24. Nail the Flat wood trim to the interlock of the operable panels.



installation instructions

hardware installation

25. First adjust the strike plate on the lock jam by loosening the two machine screws and moving it up or down until the lock engages fully when actuated.
26. Once the strike plate is adjusted Anchor it to the structure using a #10, 2 ½-inch flat head screw through the counter-sunk center-hole provided.
27. To remove excess slack open the sliding panel and adjust the lock using the slotted adjusting screw in the center of the lock.
28. From the exterior with the door in the fully closed position, reinstall the black foam blocks into the head channel against the small rubber bumper above the panel.
29. 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. Continue the sealant up the jam leg for at least 2 inches.
30. Seal the exterior of the doorframe at the head and jambs.
31. Use a rubber mallet on a plastic block to tap jamb fillers into place.
32. Installation is now complete.

NOTE:

Moisture is the enemy of wood. The primary purpose of finishing, in addition to aesthetics, is to protect the wood from moisture. During installation of the products, there may be a penetration of the wood by nails or other fasteners. It is very important to seal these, or any other penetrations, so as to reduce moisture invasion. This protection must also be continued as a maintenance item.

series 2600 multi-slide non-pocket



installation instructions

important note

IMPORTANT NOTE:

- ▶ Do not seal the exterior of the threshold.
- ▶ The weep holes on the exterior must remain open.
- ▶ Proper weatherproofing needs to be completed with sealant applied around the doorframe at the head and jambs.

Use membranes and sealants in accordance with AAMA installation standards. Make certain the sealants are compatible with the flashing materials used.

