

series 900 hinged  
nail-on



western  
window systems  
[westernwindowssystems.com](http://westernwindowssystems.com)



installation instructions



## installation instructions

follow instructions pertaining to configuration you are installing

Note: Rough openings should be flashed with an appropriate moisture barrier in accordance with industry standards and/or building codes. Perimeter caulk door frame to moisture barrier after installation. Use sealant that is recommended by moisture barrier manufacturer.

1. Apply a continuous one finger bead of sealant to the interior face of the nail-fin. Make sure nail-on flange will make full contact around rough opening.
2. Immediately place door frame in opening. Threshold should sit level with full bearing on deck surface.
3. Verify plumb and square condition of door frame in rough opening.
4. Secure all nail-fins to structure using self-tapping screws at 12 inches on center, with first screw at 31 inches from corner of nail-fin.
5. Re-check plumb and square condition of the door frame.
6. Seal all screw heads with appropriate sealant.

Note: Screws in nail-fins alone are not sufficient by themselves to support door frame.

7. At hinge jamb, locate top hole centered between the four (4) pre-drilled holes at top of jamb.
8. At hinge jamb, locate bottom hole above the threshold at same distance as the top hole location.
9. At hinge jamb, locate one (1) to two (2) holes (as needed depending on door opening height) centered between top and bottom installation holes of jamb.
10. At lock jamb, locate top and bottom installation holes in same location as top and bottom holes at hinge jamb.
11. At lock jamb, locate one (1) hole 3 inches above strike plate and one (1) hole 3 inches below strike plate, to secure center of lock jamb.
12. Secure door frame to structure using 10-3½ flat head screws.
13. Shim between door frame and structure at each installation screw location.
14. Re-check door frame for plum and square condition.
15. Install door leaf into door frame by locating continuous hinge (attached to door leaf) at top of threshold and below head jamb.
16. Place ridge along back side of hinge against edge of jamb to properly align hinge with jamb.
17. With the door leaf in open position, secure hinge to jamb using four (4) 12-24 self-tapping machine screws installed through hinge into jamb at the four (4) pre-drilled holes located at top of hinge jamb. Use 12-24 self-tapping machine screws to secure hinge to jamb at all holes in hinge.

Note: All 12-24 self-tapping machine screws are supplied by Western Window Systems with the door package for pairs. Single doors come prehung

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18. Check door leaf operation and reveal in closed position.

19. Check latch/lock function.

Note: Glass is hard blocked to square door leaf. Adjust hard blocking if necessary to provide for secure latch/lock function.

Note: When exterior wall finish is completed; perimeter caulk to door frame.

