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## **GENERAL INTERIOR INSTALLATION INSTRUCTIONS**

### **ROUGH OPENING**

Begin by checking the rough opening. It should be square, level, and no less than 1/2" wider and higher than the outside frame dimensions of the frame to be installed. The bottom of the rough opening must be level. If necessary the bottom of the rough opening must be shimmed to meet this specification prior to the installation of the door. If size adjustment is needed, block the rough opening on both the sides and the top. Blocking must be flush with the drywall of the home. Double studs should be used at all the openings. Jamb studs should fully extend from the floor to the header. The header should be supported on the jamb studs and be designed to assure that no load is transmitted to the door unit. The header and jamb studs should also provide for adequate anchorage.

### **INSTALL THE UNIT**

Check the unit for any signs of damage. If damage is noted please notify your distributor before installation.

Secure active hinge side first, making sure that the hinge stays plumb on face and edge and that the clearance between the door and jamb is even. Shim to keep the jamb at 90 degrees to the door. If two hinges used shims are to be placed at each hinge location and centre, if three hinges used shims are to be placed at each hinge location.

Shim at three locations on the lock side: one at the lock location and one opposite the top and bottom hinges. Since few doors are perfectly straight and up to 1/4-inch tolerance is allowable, you can always compensate for slight irregularities when shimming the strike side of the door frames pushing in or out.

Please note when shimming, use two nails per shim and do not drive finish nails in all the way until the door hangs properly and all gaps are equal.

Finish immediately after installation.

On operating units attach operating hardware, and check that all units operate properly.

### **THREE COMMON INSTALLATION ERRORS**

1. The rough opening for the prehung door has been made too small, making it impossible to get enough adjustment for proper fit.
2. Shimming the hinge jamb from one side only instead of both, thus not keeping the jamb at 90 degrees to the door will create a hinge binding problem. When this happens, the door will always want to spring back when pushed closed.
3. Not checking the margin, or gap, between the door and frame when shimming the strike side will cause the door to hit the frame on the side or at the top when closing.