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DOOR COMPANY

INSTALLATION INSTRUCTIONS FOR SWING DOORS

01. Check & inspect all crates for damage. The freight company is responsible for any damage. The purchaser should file claims with the freight company immediately.
02. ALL DOORS & DOOR FRAMES MUST BE INSTALLED PLUMB & SQUARE TO ENSURE PROPER OPERATION & WARRANTY VALIDATION. Verify that walls are plumb. Any walls out of plumb will require that the door frames be shimmed back to plumb.
03. Measure the opening for the door.
04. Check the packing slip attached to the crate to verify that you have ordered the correct size door for the opening.
05. Lay crated door face up and remove all crating.
06. Dry-fit the new frame to ensure that it fits properly.
07. Pull the frame back out of the opening and apply a 1/2" bead of caulk around the outer edge of the casing.
08. Set the bottom of the door frame in place and raise the top into position. Space frame in opening with equal clearness on sides. If this is a Track Port door, be sure that the track rail is centered in track port. Take clamps and clamp the frame to the wall, using two clamps on each side.
09. Bore a 3/8" clearance hole through the casing and into the wall buck. Drill a 9/32" pilot hole in the wall for each 3/8" x 4 1/2" lag bolt (not supplied). If using carriage bolts, use a 3/8" drill bit and drill through wall. First fastener and washer should be approximately 10" above the sill line.

10. Plumb the hinge casing and insert second lag bolt through hinge casing into wall near top hinge butt.
11. Measure the opening diagonally to square up casing. Shim as necessary.
12. Insert lag bolts (or carriage) locating one near the top and bottom hinge and fasten approximately 30" apart. Follow the same procedure on the strike side. Tighten lags to position unit in wall. **DO NOT OVERTIGHTEN!**
13. With a plumb line and a long straight edge, check casings for plumbness and common plane. The straight edge laid across the frame must be in flat contact with the faces of the casings at various angles. If necessary, loosen the lags and add shims between the wall and the casings. Plumb both casings front and back.
14. Draw lags tight but do not draw casing out of plane.
15. Smooth and clean up any sealant that is squeezed out between casing and wall.
16. Recheck plumb position to ensure that the frame is plumb and true.
17. Install strike to frame with screws supplied. The strike roller is fully retracted.
18. Open and close the door slowly, watching the fastener operation. The latch should seat firmly to hold the door closed tightly sealed. Adjust the strike accordingly.
19. Check the gasket compression at all contact points by closing the door against a piece of paper. If the paper is loose and does not drag when removed, the door is not making proper contact. Adjust by shimming frame and/or adjusting hardware as required. **DO NOT OVER COMPRESS GASKET!** Too much pressure on the hinge side will prevent proper contact on the hinge side and cause binding of the gasket and hard operation.
20. Caulk with silicone around the outer edge of casing, filling all voids not sealed.
21. On door with return jambs, fill all cavities between the box and jamb with insulation or backer rod.
22. Apply a continuous bead of sealant around back of jamb.

BRACE JAMBS

01. Jambs must be blocked or shimmed and fastened on or about 30" center lines to the

wall buck to prevent swaying of jambs.

MATERIALS NEEDED

MEASURING TAPE

RATCHET

SCREWDRIVERS

PRY BAR

WRENCHES

UTILITY KNIFE

HAMMER

4 LARGE CLAMPS

CAULKING GUN

SILICONE CAULK

BACKER ROD

WOOD SHIMS

DRILL

DRILL BITS

FASTENERS FOR WALL TYPE

HACKSAW OR RECIPROCATING SAW

GLASSES