

# Milan Building Products

## Door Installation Guide

Step 1: Gather your tools and materials! You will need:



- ☛ Tape measure
- ☛ Hammer
- ☛ Carpenter square
- ☛ 2 ft. and 6 ft. long levels
- ☛ Wooden shims
- ☛ Power Drill
- ☛ #12 x 3 in. exterior grade screws
- ☛ Safety glasses
- ☛ Caulking gun
- ☛ Clear exterior sealant
- ☛ T-10, T-15, and T-25 drill bits
- ☛ 2.5 mm Allen key (aka Allen wrench or hex key)
- ☛ A helper to assist in holding the door

Step 2: Make sure that the door will properly fit in your opening. The recommended rough opening is  $\frac{1}{2}$  in. wider and  $\frac{1}{2}$  in. higher than the door unit. Ensure the floor is level and use a carpenter's square and level to check that the opening is square and plumb. Apply beads of caulk to the underside of the door sill. Place the frame into the opening and shim into place behind the installation holes. Use a level to ensure the frame is plumb, level, and square.



Step 3: Anchor the frame with #12 x 3 in. screws using the pre-drilled installation holes at the top and bottom corners. Be careful not to over tighten or strip the screws, and recheck for plumb, level, and square when finished. Shim and anchor the frame through the remaining pre-drilled installation holes, taking care not to bow the frames when shimming.



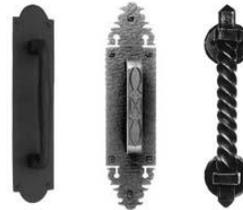
Step 5: After completely anchoring the frame, position the door panel in place. Two people are recommended for this step as well as a wooden block under the door to hold the door at the correct height to line up at the hinges.



Step 6: Set the hinge pin when the hinges are aligned and tighten the hinge pin security screw with the T-10 bit. Place the hinge caps at the top and bottom of each hinge.



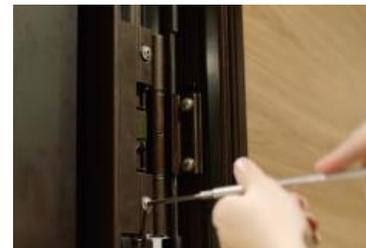
Step 7: Install door handles with provided screws.



Step 8: The roller catch may need adjustment for the door to open and close properly. Using a 2.5 mm Allen key, adjust the roller in or out at the hole just below the roller.



Step 9: The hinges allow for horizontal and vertical adjustments to the door. To make adjustments, loosen the two large screws using a T-25 drill bit. This allows the hinges to freely and safely move in the next step.



Step 10: Use a T-125 drill bit to make adjustments. To make horizontal adjustments, turn the center screw. To make vertical adjustments, turn the screw next to the center screw. Once adjustments are complete, make sure to tighten the screws that were loosened in Step 7.

