

INSTALLATION OF ASSEMBLED PREHUNG UNIT

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ AND FOLLOW INSTRUCTIONS COMPLETELY.

PREPARATION OF OPENING

Verify that the rough opening is plumb, square, and level. Measure the finished opening size and confirm accuracy. Refer to Figure 1 to insure proper fit of RediFit unit.

FOR REDIFRAME, KERFED REDIFRAME,
KERFED REDIFLEX AND STANDARD
REDIFLEX

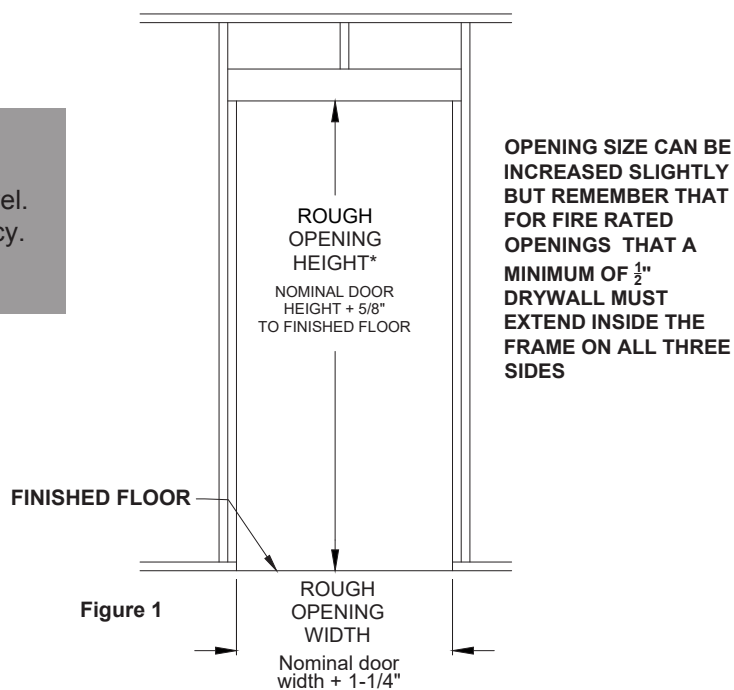


Figure 1

INSTALLATION

Step 1

Remove Door Unit From Packaging.

Move to correct opening. Assemble tools and materials for installation of the unit:

- Safety Glasses
- Level
- Phillip Head Screwdriver
- Weather Seal Putty or Silicone Caulk
- Gloves
- Tape Measure
- Square Head Screwdriver

Step 2

Install Required Reinforcements.

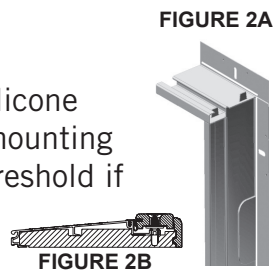
Follow instructions included, install any closer or strike reinforcements as required. This must be done before the door unit is installed in the opening.



Step 3

Apply Sealant

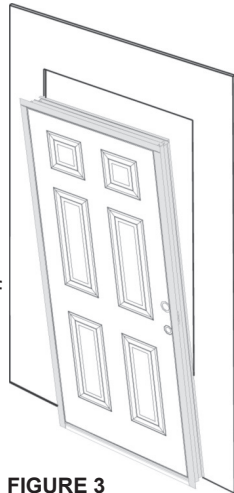
Apply weather seal putty or silicone caulk to the backside of the mounting flange. See Figure 2A (and threshold if applicable. See Figure 2B).



Step 4

Install Door Unit in Opening.

Grasp the RediFit unit by its sides, lift and tilt toward you. Move the bottom of the unit into the rough opening, setting the threshold down first and then tilting the unit up into the opening. Push the door and frame towards the hinge side of the rough opening. See Figure 3.



Step 5

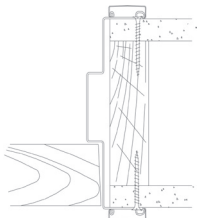
Install Screws.

Confirm door unit is up against the hinge side of opening. Check hinge jamb and make sure it is plumb and level. Secure with recommended screws in holes located in face of frame.

See Figures 4A, 4B, and 4C.

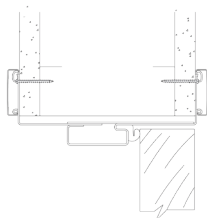
After adjusting for proper fit, secure with recommended screws. For doors over 100 lbs. use a longer screw in place of one hinge screw in top hinge to anchor frame to wall for added support. This is only necessary on the top hinge. Secure the hinge jamb first followed by the head then the strike upright. Recheck level and plumb on each before securing. Maintain a consistent gap between the door and frame between 1/16" to 1/8".

FIGURE 4A



Wall Construction:
Wood Studs & Drywall
Recommended Fasteners:
1-1/4" (32mm) (min.)
Drywall Screws,
Coarse Threads or
8D Common Nail

FIGURE 4B



Wall Construction:
Metal Studs & Drywall
Recommended Fasteners:
1-1/4" (32mm) (min.)
Type "S" Bugle Head
Self-Tapping Screws

FIGURE 4C

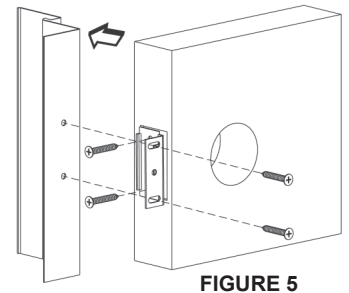


STUB WALL:
Example:
Steel & Aluminum Casing:
1-1/2" (38mm) + 1/2" (13mm)
= 2" (51mm)
S56 Casing:
2-1/4" (57mm) + 1/2" (13mm)
= 2-3/4" (70mm)

Step 6

Remove Prehanging Material.

Remove clip from door latch bore. Open door and remove margin spacing clips. See Figure 5.

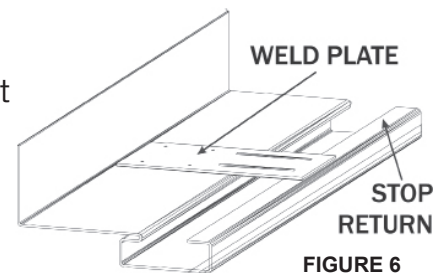


Note: For STC (sound) opening, fill backside of frame base (between frame and wall) with fiberglass batt insulation to help with reduction of sound transfer.

Step 7

Install Closure Pieces.

Install closure pieces from the other side of door opening by guiding closure between plate and stop. Begin at either end of any closure piece. It may be necessary to apply slight pressure to the outside of the frame at the start point to allow to go between the plate and the stop of the frame. See Figure 6.



When all the closure pieces are installed and clearances set, fasten to wall with recommended screws.

See Figures 4A, 4B, and 4C.

Note: while installing closure pieces, make sure the closure goes between the stop return and each individual weld plate at the base side of frame.

Step 8

Install Weatherstripping (if not factory applied)

Install weatherstripping or smoke gasketing as required, lockset, and adjustable strike if applicable. Adjust strike to remove any movement of the door after latching. Add additional fasteners if required. If door opening is a STC (sound) door, install seals, thresholds & door bottoms as required by the STC door manufacturer.

Step 9A

Applying Wood Casing/Trim

To apply wood casings, locate "T" mark on face of frame. Place edge of casing parallel to "T". Locate casing nails approximately $\frac{1}{2}$ " back from bottom of "T" and centered, then drive through casing. This will allow nailing through the frame and through the round holes on face of the frame. See Figure 7.

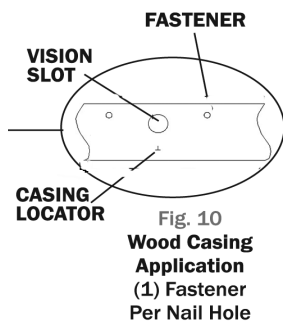


FIGURE 7

Step 9B

Applying Steel, Aluminum & S56 Colonial Casing

To apply STEEL, ALUMINUM and S56 STEEL COLONIAL casings, slide corner alignment pieces into header ends so the edges of corner pieces are securely fitted inside the casing channel (Fig. 8). Center header casing on frame and snap into place by hooking casing edge under outside of casing lance, then snapping over inside of lance (Fig. 9). **DO NOT FORCE CASING OVER BOTH SIDES OF LANCE SIMULTANEOUSLY.** Hold jamb casing at a slightly outward angle and fit mitered end over corner piece protruding from header casing; push upward to meet miter of

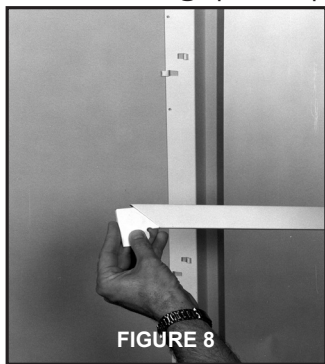


FIGURE 8

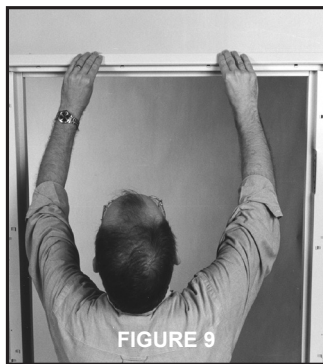


FIGURE 9

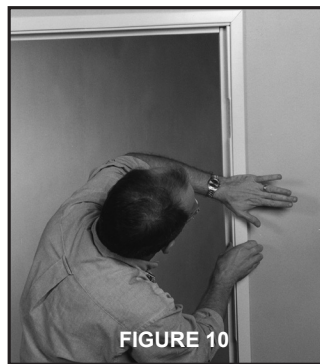


FIGURE 10

header casing. Make certain that jamb casing is aligned with jamb casing lances (tap header left or right as needed with hammer handle) and hook casing over outside lance. Survey miter joint for secure fit (adjust header casing left or right as needed), then snap casings over inside of lance and complete opposite sides (Fig. 10). **It is very critical to hook the outside lances with casing first.** See Figure 11 for a detailed picture of casing clips/lance.

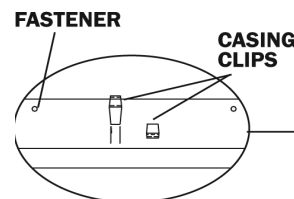


FIGURE 11
Steel, Aluminum,
C56 or S56 Casing
Application
(1) Fastener
Per Lance/Clip

TO REMOVE CASING, use a Dunbarton Casing Removal Tool (available at www.dunbarton.com), small common screwdriver with a flat edge, or a stiff putty knife. Start at the bottom of the upright casing on the inside of the frame. Gently insert the edge of the tool between the casing and the leg of the frame. Slowly work the tool up the casing to the first lance. Rotate the tool in a counterclockwise motion; the casing will pop off the inside curl of the lance. Repeat this procedure with remaining lances. After all inside lances have been cleared, gently ease the casing from under the outside lance curl and remove.

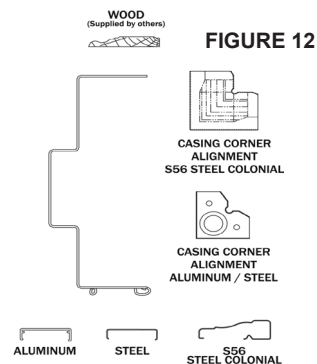


FIGURE 12

PRODUCTION APPLICATION REQUIREMENTS

Paint:

Primed interior units should be painted within 30 (thirty) days with an oil-based enamel (recommended) or a high quality water base latex. A flash rust inhibitor must be used with water base latex method. Exterior units must be painted immediately to prevent rusting.

Paint Instruction Details:

1. Wet-clean with mild abrasive cleaner. Rinse completely and wipe dry;
2. Use a high-quality interior or exterior (depending upon application) paint to finish the frame. Apply paint when temperature is above 50 degrees F and humidity is below 90%;
3. **DO NOT PAINT WEATHERSTRIP.** Kerf weatherstrip can be temporarily removed for painting. Consult factory.

INSTALLATION OF REGULAR ARM CLOSER REINFORCEMENT

1. Position closer reinforcement on header where the door closer shoe is to be mounted (Fig. 13 & 14).
2. Mount the reinforcement flush with the header face.
3. Drill 3/16" (5mm) pilot holes in the header through the countersunk holes in the reinforcement and secure with 1-1/4" (32mm) Type "S" Bugle Head Self-Tapping Screws.
4. Install header casing.
5. Position closer shoe on frame and drill pilot holes through the casing and regular arm closer reinforcement.
6. Tap these holes as per the Closer Installation Instructions.
7. Secure the closer shoe to the frame.

Listed Frames: Closer reinforcement is optional. If reinforcement is not used, through bolt installation is required.

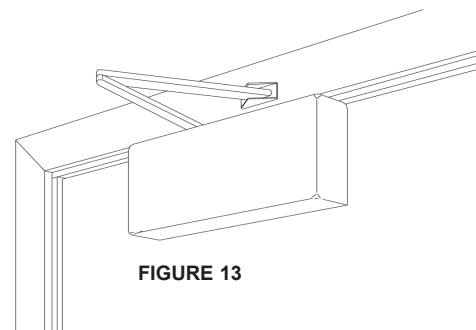


FIGURE 13

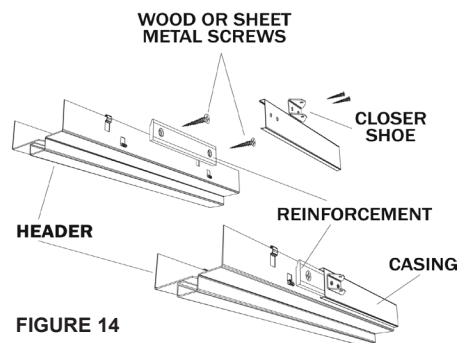


FIGURE 14

INSTALLATION OF PARALLEL ARM CLOSER REINFORCEMENT

1. Clean general area where Parallel Arm Closer Reinforcement is to be positioned on header with solvent. Closer reinforcement may have to be cut apart to fit around weld plate in some applications.
 2. Expose double face tape by removing paper backing on two strips of tape (Figure 15) and press into position to secure the sleeve to the header (Figure 16).
 3. Drill and tap through frame and reinforcement for closer shoe attachment (Figure 17).
 4. Install frame and door in conventional manner.
- Warning: The parallel arm closer reinforcement sleeve must be attached before installing the door frame.*

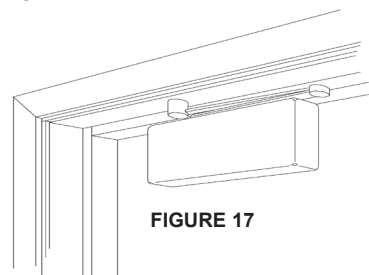


FIGURE 17

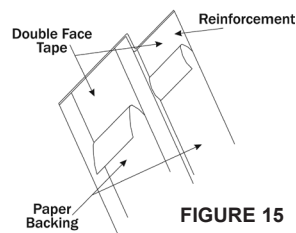


FIGURE 15

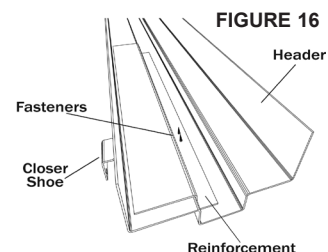


FIGURE 16

INSTALLATION OF RIM EXIT DEVICE

1. Clean general area with solvent where Rim Exit Reinforcement is to be positioned on upright.
 2. Expose double face tape by removing paper backing on two strips of tape (Fig. 18) and press into position to secure the sleeve to the frame (Fig. 19).
 3. Drill and tap through frame and reinforcement for hardware attachment (Fig. 20).
 4. Install frame and door in conventional manner.
- Warning: The rim exit reinforcement sleeve must be attached before installing the door frame.*

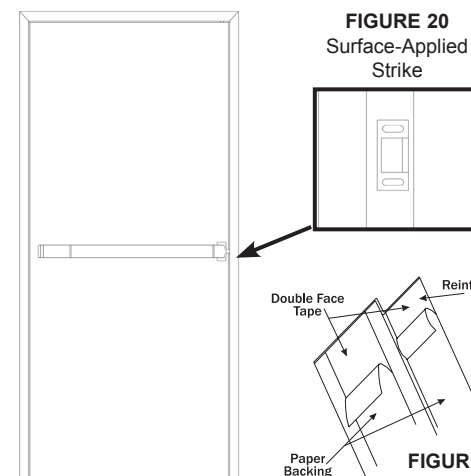


FIGURE 20
Surface-Applied
Strike

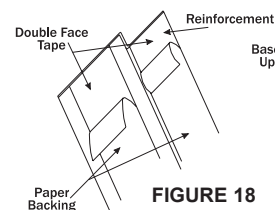


FIGURE 18

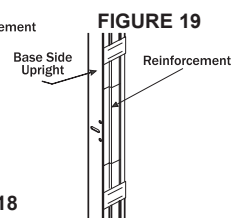


FIGURE 19