

REQUIRED TOOLS

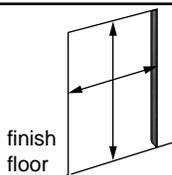
6' magnetic level
3' Level
Electric screwgun

#3 Phillips tip for hinge screws
#2 Phillips tip for drywall screws
Chalk line

Phillips head screwdriver
Scriber
Pencil
Tape Measure

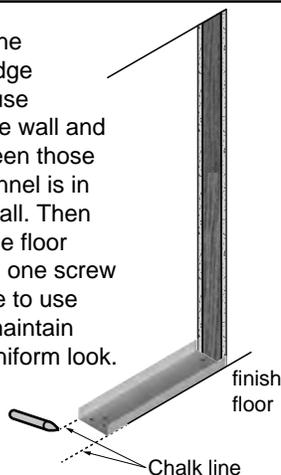
Pry bar
Combination Square
Hammer
Safety Glasses

- Check the rough opening
 - The opening should be 1-1/4" over in width, 1" over in height.
 - Confirm the wall size to be sure you are using the correct frame.

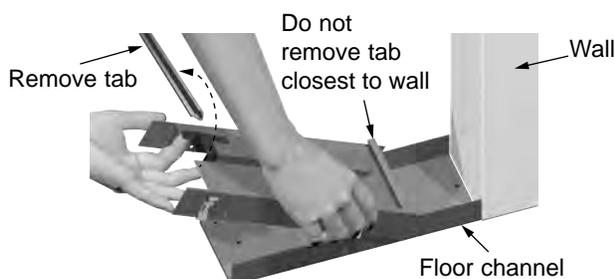


- Remove all components from the cartons and place them on the floor. Install mullion brackets first.
 - Establish a center line for the mullion bracket on the header by measuring from the stop on the end of the frame according to the measurement indicated on the drawing. Scribe a line on the stop.
 - Align the v-notch on the mullion bracket with the line previously scribed on the stop.
 - Apply the first screw at a 45-degree angle to secure the bracket to the doorstop. Keep the bracket aligned with the scribed line. Apply the remaining two screws.
 - Repeat the same procedure for applying the mullion brackets to the strike mullion and sidelite jamb.

- Install the floor channel over the finished floor. Use a straight edge so it is parallel to the wall, or use a chalk line on each side of the wall and center the floor channel between those lines. Make sure the floor channel is in line and butts up against the wall. Then install three screws through the floor channel on the strike side and one screw on the wall side. It is advisable to use the Timely Floor Channel to maintain a more secure opening and uniform look.



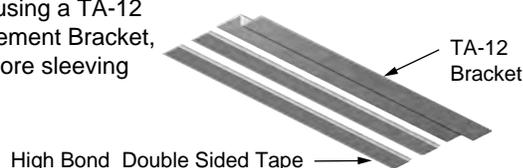
- Install the sill loosely in place. With a hammer, remove the tie strap tab facing the door opening.
 - Bend the ears of the sill slightly inward.



- Sleeve the sidelite jamb over the wall and set it on the sill in the alignment tab.

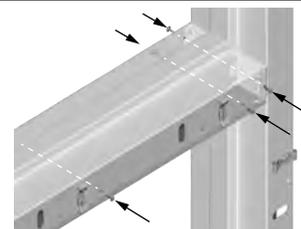
- Install the header. Determine if this is achievable by sliding it into place. If not, tilt it into the sidelite jamb.

Note: If using a TA-12 Reinforcement Bracket, install before sleeving header.



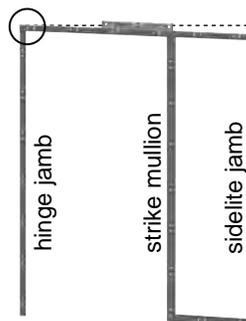
- Sleeve the hinge jamb over the wall.

- Attach the horizontal mullion to the sidelite jamb and fasten to the mullion bracket on each side. Make sure the outer portion of the insert faces down.

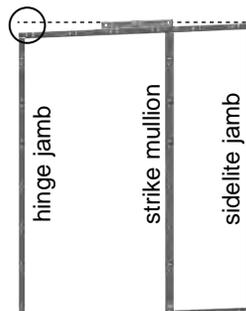


- Set the strike mullion in place and engage with the mullion bracket on the header.

- Working from the door side place the level on the header



If the level indicates that the **hinge jamb side is higher than the strike jamb**, fasten one screw in the header over the hinge jamb. Align the corner of the hinge jamb with the corner of the header and fasten at an upward angle at the top of the hinge jamb to ensure that it is snug to the header.

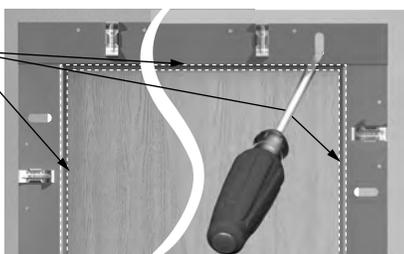


If the level indicates that the **hinge jamb is lower than the strike jamb**, lift the header until it is level and fasten one screw in the header over the hinge jamb. Lift the hinge jamb tight to the header. Align the corner of the hinge jamb with the corner of the header and fasten at an upward angle at the top of the hinge jamb to ensure that it is snug to the header.

11. Plumb the hinge jamb with a 6' magnetic level. Apply one screw to the bottom of the frame. Using a tape measure check from the hinge jamb to the strike jamb at the bottom to be certain that the 36" i.e., 3/0 door or larger dimension is met. Apply one screw at every clip on the hinge jamb, door side only. **TO MAINTAIN FIRE RATING REQUIREMENTS, the frame must be anchored with one fastener at each clip, or every 11" ± 1/4" and 2" from any end. All frames that are fire rated require a fire label. Minimum #6 drywall screws recommended. Length of screws must be sufficient to penetrate into steel stud by at least 1/2" and into wood stud at least 1". Frame meets U-B-C-7-2-97, UL 10 C, UL 1784 Smoke Rating & CBC 7-2 1998 PART 1 & 2.**

INSTALLATION WITHOUT THE USE OF THE DOOR AND HARDWARE WILL VOID THE WARRANTY.

Keep equal gap between door and frame



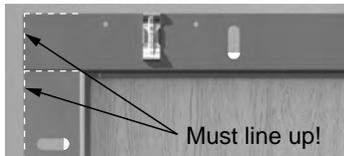
12. Hang the door. Close the door in order to align it with the frame. Begin with the header using a screwdriver through the alignment slot closest to the strike mullion. Create an equal gap between the door and frame. Fasten the header above the strike mullion and the remainder of the header at every clip on the door side only.

13. Pull the header tight to the hinge jamb on the opposite side **ensuring the corner of the header and the corner of the hinge jamb are properly aligned.** Fasten the corner of the header, then fasten the top of the hinge jamb at an upward angle to ensure that it is snug to the header.
 a. Make certain the hinge jamb is square to the wall and fasten at the bottom.
 b. Fasten the remainder of the hinge jamb at every clip.

14. Remove the strike mullion.

15. Raise the sidelite jamb by using a pry bar under the sill to bring the jamb tight to the header, **making sure the corner of the header and the corner of the sidelite jamb are properly aligned.**

a. Fasten the top of the sidelite jamb at a 45-degree angle.



16. Replace the strike mullion and fasten to the mullion bracket on the header on both sides.

17. Fasten the horizontal mullion to the mullion bracket on both sides.

18. Check the margin at the bottom of the door; also secure the sidelite jamb at the bottom.

19. Using a pry bar, raise the sill tight to the sidelite jamb, then fasten the sill into the floor channel.
 a. Repeat this step for the strike mullion and fasten.
 b. Repeat the above steps on the opposite side.

20. Fasten the remainder of the sidelite jamb at every clip.

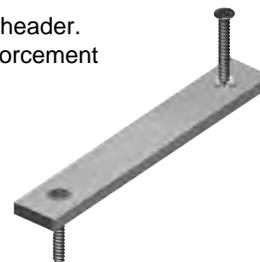
21. Fasten the bottom of the strike mullion to the sill on each side.

22. On the opposite door side pull the header tight to the sidelite jamb making sure the corner of the header and the corner of the sidelite jamb are properly aligned.
 a. Fasten the corner of the header, then fasten the remainder of the header at every clip.

23. Apply the casing starting with the header.

Note: If installing the TA-10 Reinforcement Bracket, install before putting on casing.

Use Timely Part No. TA-10



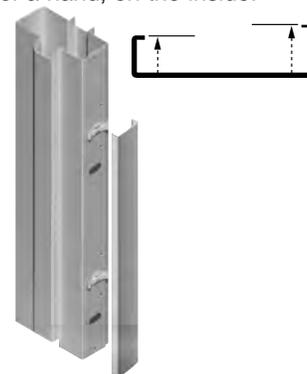
a. Center the header casing. Allow for equal distance on both ends. Roll the casing over one clip toward the door with a tap of the hand, securing the casing on the center clip only.

b. **The casing can become damaged or dimpled if struck directly in the center by a hand or rubber mallet.**

c. Slide both upright casings with Mitergard® (available for TA-8 casings only) into header casing. For all other casings, insert separate corner pieces into header and upright casings. Then anchor the header casing using the same rolling motion toward the door.

d. Anchor the upright casing, making sure it is clipped over the outside and, with the tap of a hand, on the inside.

e. When applying the vertical strike mullion casing, make sure its longer side is facing the sidelite.



f. On the horizontal mullion casing, make sure its longer side faces down.

g. Apply the casing to the sill.

h. The casing can be adjusted slightly to make sure all miters are tight and neat.

24. Apply the casings to the opposite side.

25. Apply the silencers to the frame.

26. The final step is installation of the adjustable T-strike.

a. The strike consists of the "C" and cup sections, which can be moved back and forth to allow 1/4" adjustment.

b. Fasten the "C" section in the center of adjustment. Close the door, and adjust as necessary.

