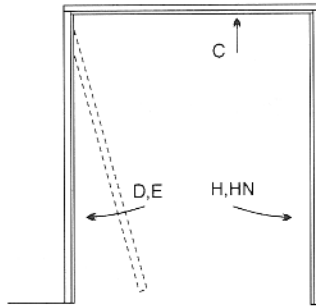
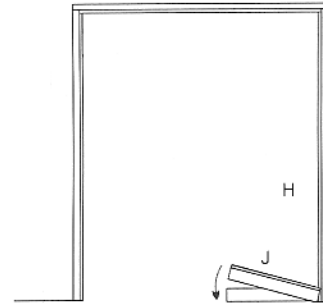


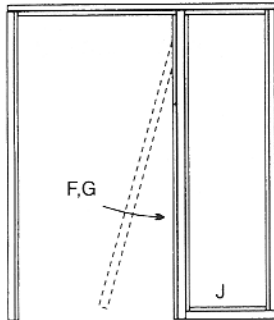
1. Check rough opening. Width is nominal door dim. + sidelite + 2" for each mullion + 1 1/4". Height is jamb height + 1". If using transom, height is jamb height + transom height + 2" for mullion + 1".



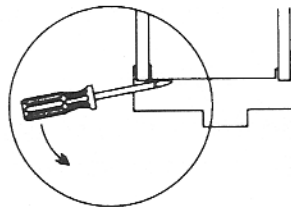
2. Sleeve header with mullion bracket applied, (c) over wall, then sleeve outside jambs (either D, E, H, or HN) over wall. All parts must have mullion brackets installed where required.



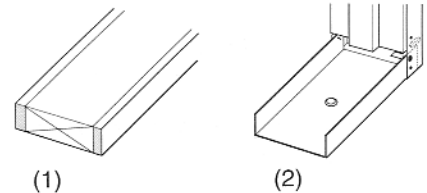
3. Install stud with drywall (1) or insert material to finished floor (2).



4. Slide mullion(s) over bracket at head swinging into place over sill (J). All intermediate mullions (if used) must be positioned before swinging last mullion into place (see "mullions" section below).



5. Level and center head, fasten hinge jamb, then hang door in opening. Position jamb(s) and/or mullion(s) to maintain equal clearances around door.* When parts are set, fasten jamb(s) to wall. Fasten mullion(s) to sill (J) using tek screw.



Slide sill (J) over floor stud or insert and interlock alignment tab with side jamb (H). Raise jamb as necessary to allow clearance for the tab.

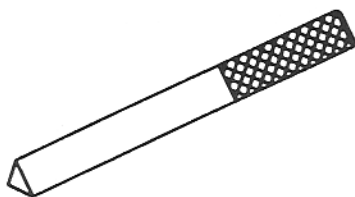
7. Place casing corners in header casing and install casing over **one clip near the center**. Slide casing corner(s) into sidelite upright casings at bottom and interlock sidelite casing with header casing on frame. Secure casing by hooking over the outside of the clip and tapping it on the inside of the clip.

***Warranty is voided if door is not installed with frame.**

6. Using a screwdriver in the oval alignment slot, move parts toward mullion to get all joints tight. Glass area should be square when all pieces are tight. Apply fasteners at each clip on both sides of frame.

8. Apply jamb casing in the same manner. Then apply all mullion casings and finally sidelite sill casings sliding the piece over the casing corner on the sidelite jamb casing.

9. Apply silencers to the strike side. Install hardware on door and install adjustable strike (if provided) to keep door tight to jamb when closed. Install other hardware using necessary reinforcements provided.



TA-41 Glass Stop Dimpler Tool -
 Used to meet 2" fire rating requirements.

MULLIONS

1. Before placing jamb pieces in opening locate and apply mullion brackets as required. Sleeve jambs over walls, but do not fasten.
2. Start at one end of the assembly and place mullions over brackets. If horizontal mullions are used they must be placed on the jamb then on the vertical mullion as it is tipped into position.
3. When all mullions are in place the jambs should be brought tight to the mullion using a screwdriver in the oval slot.
4. When mullions are in place and joints are tight proceed with anchoring as shown on the instructions.

See page I-7 for additional information.

1. Check for correct rough opening dimensions.
2. Check for correct wall thickness.
3. Check for correct hardware preparation and reinforcement. Use TA-10, TA-12, or TA-25 reinforcement if necessary.
4. Use screws instead of nails so frame can be adjusted if necessary.
5. Use a template door or the actual door to align the frame.
6. Headers and uprights must form a 90° angle so casing miters will form perfect 45° angles with no gaps.
7. Apply fastener at each clip on both sides of the frame, required for fire rating and to prevent loose casing. Fire inspectors may reject frames with inadequate fasteners.
8. Field painted frames must be thoroughly cleaned to remove any substances that would inhibit paint adhesion. Light sanding is recommended. Adhesion of water based paints is not guaranteed.
9. When applying adhesive backed gasket, frame must be thoroughly cleaned.
10. Use screwdriver in oval alignment slots to move frame on wall to avoid damaging wall finish.
11. Frames installed in exterior locations must have adequate flashing to prevent water penetration to building interior. Exterior frames require additional painting for proper weatherproofing and corrosion resistance.
12. Insert can be ordered from the factory or drywall both sides with a steel or wood stud can be used.
13. Glass stop must be pierced and dimpled a maximum of 2" from each end for anchorage to maintain fire ratings.