

### **INSTRUCTIONS FOR INSTALLING WINDOW UNITS INTO FRAMES WITH VINYL INTERIORS**

- (1) Be sure that units will fit into frame properly, check both height and width.
- (2) Caulk frame with a high grade of caulking at exterior vinyl frame cap. (Small groove is recessed both in side rails and head for this purpose.) This is done before installing the window unit permanently. A large bead of caulk must be laid at the sill groove toward the exterior of the frame and at the top of the slope (interior of frame) at a location to insure a seal of unit and frame to eliminate water infiltration. Do not caulk area that allows moisture drainage. (See sill detail, p. 22)
- (3) After caulking, install unit as you would a regular replacement installation. Shim square and secure with screws at jamb members. Be sure not to over draw screws which could cause a bow in frame or window jambs.
- (4) Pack sides, top, and sill with insulation if there is sufficient space for it. Be sure not to over-pack which may cause bowing or restriction of sash travel.
- (5) This step is very important. Go back and check to see if steps 1 - 2 - 3 - 4 were all done. This is necessary because inside trims are somewhat difficult to remove once they have been installed.
- (6) Take the interior mullion cover and fit into receptor (mullion snap) fastened to wood jambs. Tap this firmly into place with a hammer using a block of wood at a point both right and left of center groove approximately 1/2" from center. Do this from top to bottom being sure that both snap locks are engaged. Do not directly use hammer face or other hard object which could damage the vinyl.
- (7) Remove 5/16" finish strip from Bay or Bow jamb and install the end fillers. (Do not remove back-up strip.) Align this to receptor on jamb and tap into place with block of wood as you did with the mull cover. Again be sure it locks in place. Re-install 5/16" finish strip with small brads or finish nails.

**NOTE:** If window units are installed at factory, do not attach end filler and finish strip permanently. This will not allow for Bay or Bow to be fastened to structure through the side jambs as necessary. Attach at job sight only.

- (8) After mull & end filler is in place, cut bottom horizontal friction fit angle stop to exact size (Fit between interior mull covers). Slip into place (see sill detail, p. 22) and tap stop with a block of wood and/or a tool until it contacts window unit snugly and remains square. Do not drive past square point. Cut top horizontal friction fit angle stop to exact size. Slip into place at head (into already attached stop clip) and tap into place as at sill. Again do not drive past square. If all parts are cut properly no caulk should be necessary on interior.
- (9) Exterior should now be cleaned and caulked, especially at sill. Cut away original excess caulk first. If sides and top are caulked sufficiently before installation of windows, and unit is not twisted or racked during installation, it may not be necessary to re-caulk jambs and top, although a small bead is highly recommended.

**NOTE:** It is recommended that the windows be installed last, due to the fact that some caulks tend to separate from vibrations and movement. This may cause the unit to leak in the future. Should the installation take more than one day, install units temporarily over night and cover. Install after unit is roofed, insulated at seat, and securely fastened to structure.

Should the window units be factory installed, the entire unit should be left standing without movement to allow caulk to dry at least 24 hours before shipment. Past experiences have shown separation of some caulks due to sash movement, especially a slamming or quick closing motion as on a tilt sash or casement unit.

**INSTRUCTIONS FOR INSTALLING WINDOW UNITS INTO FRAMES WITH WOOD INTERIORS**

- (1) Be sure that units will fit into frame properly, check both height and width.
- (2) Caulk frame with a high grade of caulking at exterior vinyl frame cap. (Small groove is recessed both in side rails and head for this purpose.) This is done before installing the window unit permanently. A large bead of caulk must be laid at the sill groove toward the exterior of the frame and at the top of the slope (interior of frame) at a location to insure a seal of unit and frame to eliminate water infiltration. Do not caulk area that allows moisture drainage. (See sill detail below)
- (3) After caulking, install unit as you would a regular replacement installation. Shim square and secure with screws at jamb members. Be sure not to over draw screws which could cause a bow in frame or window jambs.
- (4) Pack sides, top, and sill with insulation if there is sufficient space for it. Be sure not to over-pack which may cause bowing or restriction of sash travel.
- (5) This step is very important. Go back and check to see if steps 1 - 2 - 3 - 4 were all done. This is necessary because inside trims may be damaged if removal is necessary.
- (6) Attach wood end jamb cover to frame jamb with small finish type nail. (Be careful when nailing since this will be a finished part.) Now attach end jamb filler, by fastening on insert strut and at angled edge as near to end as possible without splitting.

Set nail heads very carefully and fill all holes with comparable filler.

**NOTE:** If window units are installed at factory, do not attach end filler and jamb cover permanently. This will not allow for Bay or Bow to be fastened to structure through the side jambs as necessary. Attach at job sight only.

(7) Miter cut wood stops supplied to exact sizes and fasten to frame with small finish type nail. Be sure that corners are tight for neat appearance. Set nail heads and fill holes with comparable filler.

(8) Exterior should now be cleaned and caulked, especially at sill. Cut away original excess caulk first. If sides and top are caulked sufficiently before installation of windows, and unit is not twisted or racked during installation, it may not be necessary to re-caulk jambs and top, although a small bead is highly recommended.

**NOTE:** It is recommended that the windows be installed last, due to the fact that some caulks tend to separate from vibrations and movements. This may cause the unit to leak in the future. Should the installation take more than one day, install units temporarily over night and cover. Install after unit is roofed, insulated at seat, and securely fastened to structure.

Should the window units be factory installed, the entire unit should be left standing without movement to allow caulk to dry at least 24 hours before shipment. Past experiences have shown separation of some caulks due to sash movement, especially a slamming or quick closing motion as on a tilt sash or casement unit.

