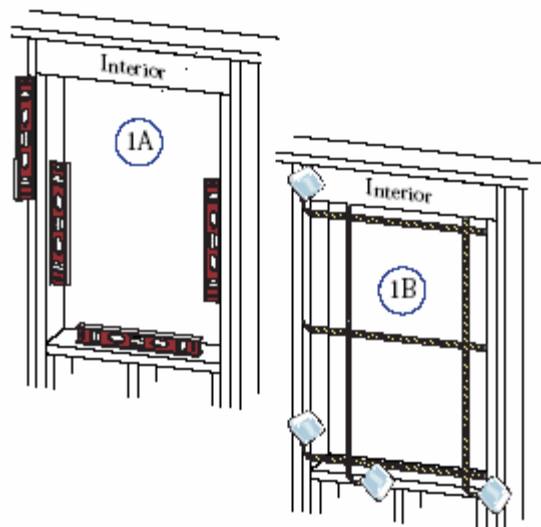


1 Rough Opening Preparation

- A. **Verify that the rough opening is plumb and level.**
Note: It is critical that the sill is level.
- B. **Test fit the window according to the opening.** Measure all four sides of the opening top/ center/ and bottom to make sure that the opening is 1/2" larger than the window in height and width.
Note: Fix any problems with the rough opening before proceeding.

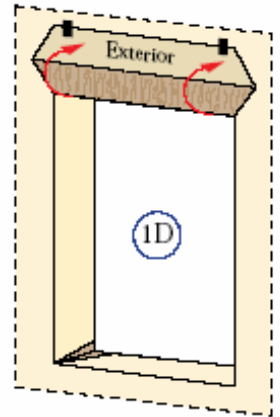
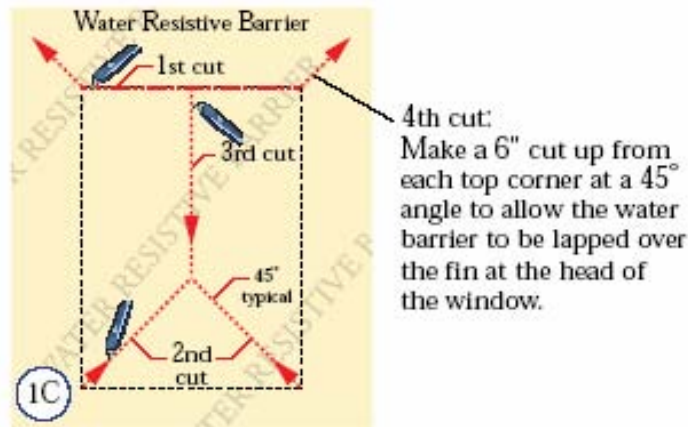


Vinyl Window Installation Instructions

1

Rough Opening Preparation (continued)

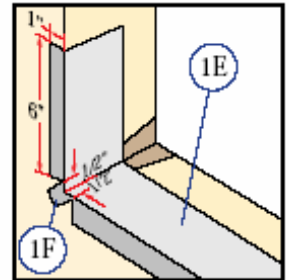
C. Cut the water resistant barrier (1C).



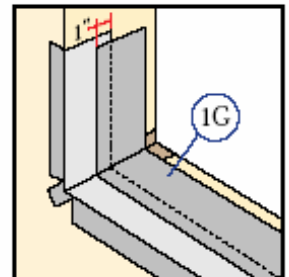
D. **Fold the water resistant barrier (1D).** Fold side and bottom flaps into the opening and staple to inside wall. Fold top flap up and temporarily fasten with flashing tape.

E. **Apply sill flashing tape or flex wrap.** Cut a piece of flashing tape flex wrap 12" longer than the opening width. Apply at the bottom of the opening as shown in (1E) so it overhangs 1" to the exterior.

Note: Flashing tape or flex wrap is cut 12" longer than the width so that it will extend up both ends by 6".



F. **Cut a 1" tab at each corner when using tape** (1/2" from each side of corner) (1F). Fold tape to the exterior pressing firmly to adhere the tape to the water resistant barrier.



G. **Apply the 2nd piece of flashing tape** cutting the flashing tape 12" longer than opening width. Apply at the bottom, overlapping the 1st piece of flashing tape by 1". Do not allow the tape to extend past the interior face of the framing (1G).

H. **When using flex wrap** remove the first piece of release paper, cover the top of the sill by aligning flex wrap with inside edge of opening. Adhere to rough opening across sill and 6" min up the side jambs.

I. **Remove second section of release paper.**

J. **Wrap flex wrap around** exterior side of rough opening and adhere to resistive barrier. Press firmly to ensure full adhesion, secure edge of material with staples or galvanized nails.

2

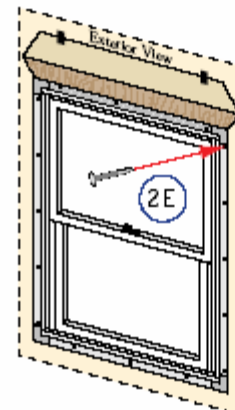
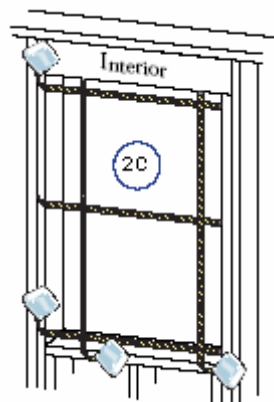
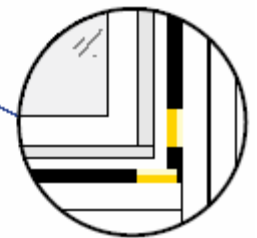
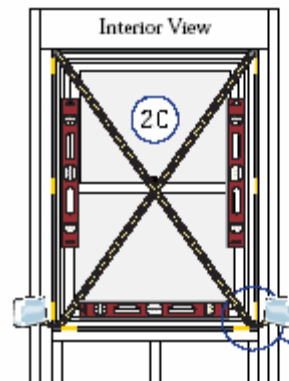
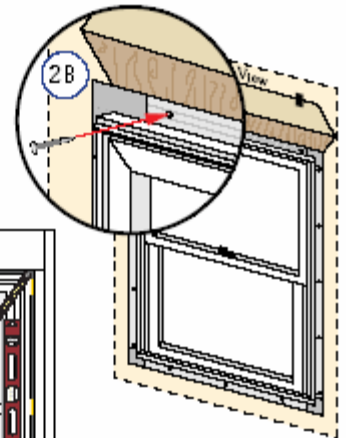
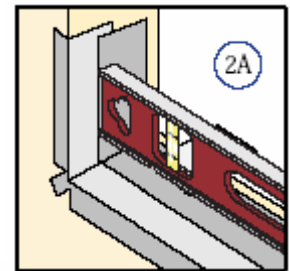
Setting And Fastening The Unit

- A. **Preparing rough opening for unit.** Level bottom sill of opening to ensure level. (2A) Apply a continuous bead of caulk to the wall or the backside of nailfin across the jambs and head, but leave bottom sill flange **uncaulked**.
- B. **Insert the window from the exterior side of the building.** Place the bottom of the unit on the sill plate, then tilt the top into position. Center the window between the sides of the opening to allow clearance for shims. Place shims about 1/2" from each side, and center of unit. Shims are also required at vertical mulls on 2 wide or 3 wide units. Add shims as necessary to ensure that the unit is square and level. Fasten one top corner through nail fin to hold unit while squaring.

Note: When measuring for squareness check at the top/ center/ and bottom of the unit, doing the same for the height.

- C. **Check for square installation** by making sure the diagonal measurements from corner to corner are within 1/16" in both directions. (2C) Check for plumb at top/ center/ and bottom of unit.
- D. **Check for interior reveal.** By using your eye verify that the sill is level. if you see a crown, shim the unit until the crown is removed. Check to make sure that the sightlines are correct by sighting the sash and main frame interfaces, checking for consistent gaps. The gaps should be equal between sash and frame on the head, sill and jambs.
- E. **Fasten the window** by driving 1-1/4" to 2" galvanized roofing nails into every other pre-punched holes in the nailing fin. Make sure nail fins lie flat as possible.
- F. **Check window operation.** Open and close the window to check for proper operation. Make sure the window tilts correctly. Close and lock the window.

Note: if there are any problems with the operation of the window, recheck shim locations and adjust for plumb and square.



3

Exterior Seal of Window

- A. **Apply flashing tape or straight flashing.** Cut two pieces of flashing tape 4" longer than the frame height of the window. Apply one piece to each side over the nail fin and onto the resistive barrier. The tape should extend 2" above the top of the window and 2" below the bottom of the window. Press the tape down firmly.

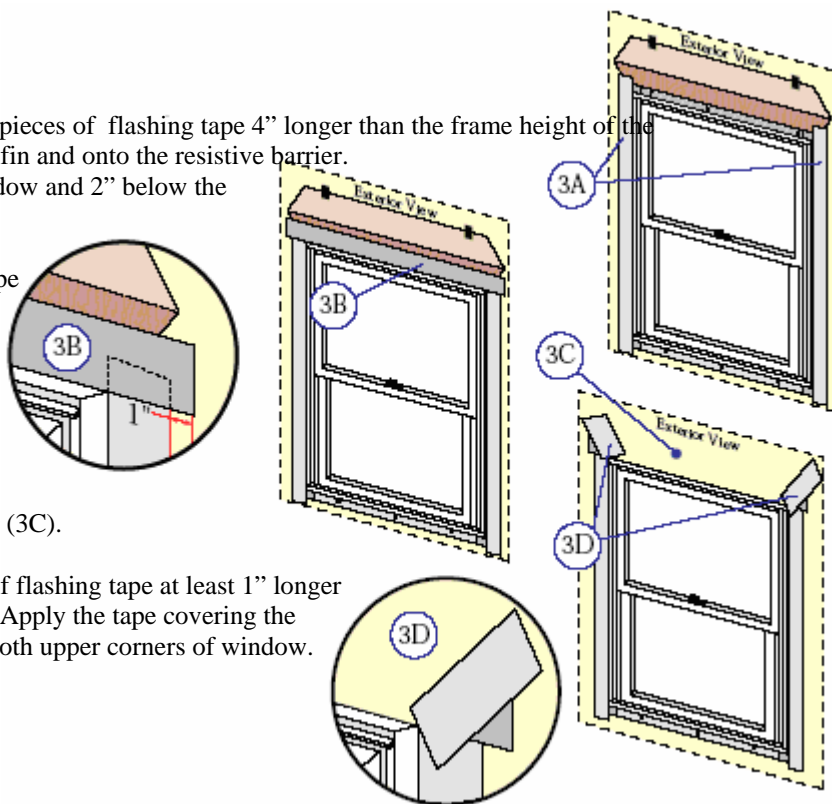
- B. **Apply top flashing tape.** Cut a piece of flashing tape long enough to go across the top of the window and extend at least 1" past the side flashing tape on both sides. Apply the tape over the nailing fin as shown.

Note: DO NOT tape or seal the bottom nail fin.

- C. **Fold down the top flap of water resistant barrier (3C).**

- D. **Apply flashing tape to diagonal cuts.** Cut pieces of flashing tape at least 1" longer than the diagonal cuts in the water resistant barrier. Apply the tape covering the entire diagonal cut of the water resistive barrier at both upper corners of window.

Note: Be sure to overlap the top corners (3D).



4

Interior Seal

- A. **Apply a low expansion foam sealant.** From the interior, insert the nozzle of the foam sealant into the space between the window and rough opening and apply a 1" deep bead of foam. This will allow room for expansion of the foam and will minimize squeeze out. (4A)
- B. **Check window operation** by opening and closing the window. If the window does not operate correctly make sure to check for plumb and squareness.

