

# INLINE FIBERGLASS WINDOW INSTALLATION INSTRUCTIONS - SINGLE\* 700 SERIES IN SWING CASEMENT, HOPPER & FIXED WINDOW



A GOOD INSTALLATION ENSURES LASTING WINDOW PERFORMANCE.

BUILDING CODES, ENVIRONMENTAL CONDITIONS, APPROVED SHOP DRAWINGS MAY VARY & SUPERSEDE THE PROCEDURES CONTAINED BELOW. THE RESPONSIBILITY FOR COMPLIANCE IS THE PROJECT'S OWNER(S), INSTALLERS, ARCHITECT, INSPECTORS, & BUILDING SCIENTISTS.

1. HANDLE CAREFULLY
2. STORE WITH NON-ABRASIVE SEPARATORS BETWEEN FRAMES. WINDOWS SHOULD BE STORED IN A PLACE PROTECTED FROM WEATHER.
3. ALTERATIONS - WINDOWS SHOULD NOT BE LOAD BEARING AFTER INSTALLATION.
4. WINDOWS SHOULD NOT BE MODIFIED TO ACCOMMODATE AIR CONDITIONERS, EXHAUST FANS, ETC.
5. R.O. - PRODUCT WAS DEVELOPED & TESTED IN A WINDOW WALL INTERFACE SYSTEM DESIGNED TO MANAGE WATER.
6. SEE BRICK VENEER SILL EXAMPLE 4) BELOW FOR LOW TO MODERATE DESIGN PRESSURE REQUIREMENTS.
7. SILL ANCHORAGE
  - A. SET THE 1/8" THICK INSTALLATION ANGLE ON SEALANT AND FASTEN DOWN TO SUBSTRAIT.
  - B. APPLY TOE BEAD AT THE FRONT OF THE ANGLE.
  - C. APPLY PRIMER AND LAP END DAMS.
  - D. INSTALL MEMBRANE WRAPPING ANGLE. WRAPPING AROUND UPSTANDING LEG IS PREFERRED.
  - E. APPLY GENEROUS AMOUNT OF SEALANT ON THE MEMBRANE AT THE EXTERIOR FACE OF THE INSTALLATION ANGLE.
  - F. SET 1/4" MIN. SHIMS ON MEMBRANE. SET DRIP FLASH ON SIMS AS BELOW.
  - G. SET WINDOW ON SIMS & FLASHING.
  - H. SECURE WINDOW AT HEAD. FASTEN WINDOW TO INSTALLATION ANGLE.
  - I. TOOL SQUEEZE OUT AT TOP OF INSTALLATION ANGLE TO WINDOW SILL. IF NOT PRESENT APPLY POST INSTALLATION BEAD & TOOL.

\* ANCHORING METHOD FOR SINGLE OPERATOR - a) SET WINDOW LEVEL IN SUBSTRATE, b) ANCHOR WINDOW IN TWO OPPOSITE OR DIAGONAL CORNERS, c) OPEN SASH SMALL DISTANCE FROM FRAME, d) ROTATE UNANCHORED CORNERS OF WINDOW INWARD OR OUTWARD UNTIL GAP BETWEEN SASH & FRAME IS EQUIDISTANT AT OPENING EDGE, e) FASTEN ANCHORS IN REMAINING CORNERS, f) CLOSE WINDOW & CHECK THAT LOCK ENGAGES EASILY, g) APPLY REST OF ANCHORS AS PER RECOMENDED ANCHOR LOCATIONS.

6. HEAD & JAMB STRAP ANCHOR ANCHORAGE
  - A. SNAP STRAP ANCHORS ON WINDOW FRAME AT LOCATIONS AS SPECIFIED IN 7 BELOW OR AS PER ENGINEERING RECOMMENDATIONS.
  - B. SHIM THE SPACE BETWEEN THE WINDOW & R.O. (ROUGH OPENING) AT THE STRAP ANCHOR LOCATIONS.
  - C. FASTEN STRAP ANCHORS TO R.O.
- 7a. CORNER ANCHORS - SECURE AT CORNER OR (4") MAXIMUM FROM THE CORNERS.
- 7b. PERIMETER ANCHORS - SPACING SHOULD NOT EXCEED 600mm (18") ON CENTER.
- 7c. MULLION AND TRANSOM ANCHORS - ALWAYS ANCHOR WITHIN 100mm (4") MAXIMUM FROM MULLION OR TRANSOM (IT IS ALWAYS A CRITICAL AREA FOR ANCHORAGE).
8. PERIMETER CAVITIES - BETWEEN WINDOW FRAMES AND ROUGH OPENING (R.O.).  
INSULATE CONTINUOUS AROUND INNER PERIMETER OF WINDOW WITH LOW EXPANSION FOAM OR FIBER TYPE INSULATION.  
CAUTION: DO NOT DISTORT FRAME BY OVER FILLING OR OVERPACKING.
9. CAULK THE EXTERIOR PERIMETER TO PROVIDE SEAL BETWEEN WALL AND WINDOW DESIGNED & CONSTRUCTED TO MINIMIZE THE PASSAGE OF RAIN & SNOW.
10. CAULK INTERIOR PERIMETER BETWEEN WINDOW, WALL, INSTALLATION ANGLE, AROUND STRAP ANCHORS & ANCHOR SCREW HEADS WITH CONTINUOUS BEAD DESIGNED & CONSTRUCTED TO INTERCEPT ALL PRECIPITATION.
11. AT EXTERIOR WINDOW SILL: A. CAULK THE TOP OF FLASHING TO WINDOW SILL.  
B. CREATE WEEP SLOTS AT SILL EXTERIOR BEAD BENEATH FLASHING AT SILL MEMBRANE TO EFFECTIVELY DISSIPATE ANY PRECIPITATION TO EXTERIOR. (STEPS 9-11 REQUIRED TO MEET TESTED AIR & WATER RESISTANCE LEVELS).
12. MAINTANANCE - WASH GLASS, FRAME, & HARDWARE WITH NON-ABRASIVE CLEANER & WATER. CLEAN & LUBRICATE WITH ONLY SILICONE LUBRICANT ALL HARDWARE & WEATHERSTRIP IMMEDIATELY AFTER WINDOW IS INSTALLED, & EVERY SIX MONTHS MIN.
13. NOTE: ALL SEALANT APPLICATION SHALL INCLUDE THE FOLLOWING STEPS.
  - A. SURFACE PREPARATION WIPE THE SURFACE WITH ALCOHOL.
  - B. PROPER SEALANT BEAD DISPENSING. USE RIGHT NOZZLE SIZE.
  - C. TOOLING OF BEAD TO ACHIEVE PROPER SHAPE & BOND.

