INLINE FIBERGLASS WINDOW INSTALLATION INSTRUCTIONS - SINGLE*

300 SERIES TILT & TURN & 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 THE WINDOW WITH NON-ABRASIVE SEPARATORS BETWEEN FRAMES. WINDOWS SHOULD BE STORED IN A PLACE PROTECTED FROM WEATHER.
3. ALARMS - WINDOWS SHOULD NOT BE LOAD BEARING AFTER INSTALLATION.
4. R.O. - PRODUCT WAS DEVELOPED & TESTED IN A WINDOW WALL INTERFACE SYSTEM DESIGNED TO MANAGE WATER. SEE BRICK VENEER SILL EXAMPLE 4) BELOW FOR LOW TO MODERATE DESIGN PRESSURE REQUIREMENTS.
5. SILL ANCHORAGE:
   A. SET THE 1 1/2" X 2 1/2" X 1/8" THICK INSTALLATION ANGLE ON SEALANT AND FASTEN DOWN TO SUBSTRATE.
   B. APPLY TOE BEAD AT THE FRONT OF THE ANGLE.
   C. APPLY PRIMER AND LAP END DAMS.
   D. INSTALL A MEMBRANE WRAPPING ANGLE, WRAPPING AROUND UPSTANDING LEG IS PREFERRED.
   E. APPLY A 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 ANCHORED 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 RECOMMENDED 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.
   D. CORNER ANCHORS — SECURE AT CORNER OR (4") MAXIMUM FROM THE CORNERS.
   E. PERIMETER ANCHORS — SPACING SHOULD NOT EXCEED 600mm (18") ON CENTER.
   F. MULLION AND TRANSOM ANCHORS — ALWAYS ANCHOR WITHIN 100mm (4") MAXIMUM FROM MULLION OR TRANSOM (IT IS ALWAYS A CRITICAL AREA FOR ANCHORAGE).

7. 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.

8. CAULK THE EXTERIOR PERIMETER TO SEAL BETWEEN WALL AND WINDOW DESIGNED & CONSTRUCTED TO MINIMIZE THE PASSENGER OF RAIN & SNOW.

9. CAULK INTERIOR PERIMETER BETWEEN WINDOW, WALL, INSTALLATION ANGLE, AROUND STRAP ANCHORS & ANCHOR SCREW HEADS WITH CONTINUOUS BEAD DESIGNED & CONSTRUCTED TO INTERCEPT ALL PRECIPITATION.

10. AT EXTERIOR WINDOW SILL: A. CAULK THE TOP OF FLASHING TO WINDOW SILL.
     B. CREATE WEEL SLOTS AT SILL EXTERIOR BEAD BENEATH FLASHING AT SILL MEMBRANE TO EFFECTIVELY DESPERATE ANY PRECIPITATION TO EXTERIOR. (STEPS 9-11 REQUIRED TO MEET TESTED AIR & WATER RESISTANCE LEVELS).

11. MAINTENANCE — 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 OR MORE MONTHS.

12. 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.

13. 5F) MIN. 1/4" SHIM
    11B) DRAINAGE PATH
    5F) FLASHING: ATTACH TO WINDOW OR R.O. PRIOR TO WINDOW INSTALLATION.