

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 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. SEE BRICK VENEER SILL EXAMPLE 4) BELOW FOR LOW TO MODERATE DESIGN PRESSURE REQUIREMENTS.
6. SILL ANCHORAGE
 - A. SET THE 1 1/2" X 2 1/2" X 1/8" THICK INSTALLATION ANGLE ON SEALANT AND FASTEN DOWN TO SUBSTRAIGHT.
 - 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 COUPLED OPERATOR - a) SET WINDOW LEVEL IN SUBSTRATE, b) ANCHOR WINDOW COUPLED MULLION 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 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.
- 7a. CORNER ANCHORS - SECURE AT CORNER OR 100mm (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.

