*INLINE FIBERGLASS WINDOW INSTALLATION INSTRUCTIONS - COUPLED**

301 SERIES TILT & TURN DOOR & SIDE LITE

INLINE FIBERGLASS LTD.

A GOOD INSTALLATION ENSURES LASTING DOOR 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. DOORS SHOULD BE STORED IN A PLACE PROTECTED FROM WEATHER.
3. ALTERATIONS – DOORS SHOULD NOT BE LOAD BEARING AFTER INSTALLATION.
   DOORS SHOULD NOT BE MODIFIED TO ACCOMMODATE AIR CONDITIONERS, EXHAUST FANS, ETC.
4. R.O. – PRODUCT WAS DEVELOPED & TESTED IN A DOOR WALL INTERFACE SYSTEM DESIGNED TO MANAGE WATER.
   SEE BRICK VENEER SILL EXAMPLE 4) BELOW FOR LOW TO MODERATE DESIGN PRESSURE REQUIREMENTS.
5. SILL ABCHORAGE
   A. SET THE 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 DOOR ON SIMS & FLASHING.
   H. SECURE DOOR AT HEAD. FASTEN DOOR TO INSTALLATION ANGLE.
   I. TOOL SQUEEZE OUT AT TOP OF INSTALLATION ANGLE TO DOOR SILL. IF NOT PRESENT APPLY POST INSTALLATION BEAD & TOOL.

* ANCHORING METHOD FOR COUPLED OPERATOR – a) SET DOOR LEVEL IN SUBSTRATE, b) ANCHOR DOOR COUPLED MULLION c) OPEN SASH SMALL DISTANCE FROM FRAME, d) ROTATE UNANCHORED CORNERS OF DOOR INWARD OR OUTWARD UNTIL GAP BETWEEN SASH & FRAME IS EQUIDISTANT AT OPENING EDGE, e) FASTEN ANCHORS IN REMAINING CORNERS, f) CLOSE DOOR & 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 DOOR FRAME AT LOCATIONS AS SPECIFIED IN 7 BELOW OR AS PER ENGINEERING RECOMMENDATIONS.
   B. SHIM THE SPACE BETWEEN THE DOOR & R.O. (ROUGH OPENING) AT THE STRAP ANCHOR LOCATIONS.
   C. FASTEN STRAP ANCHORS TO R.O.

7a. CORNER ANCHORS – SECURE AT CORNERS 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 DOOR FRAMES AND ROUGH OPENING (R.O.).
   INSULATE CONTINUOUS AROUND INNER PERIMETER OF DOOR WITH LOW EXPANSION FOAM OR FIBER TYPE INSULATION.
   CAUTION: DO NOT DISTORT FRAME BY OVER FILLING OR OVERPACKING.

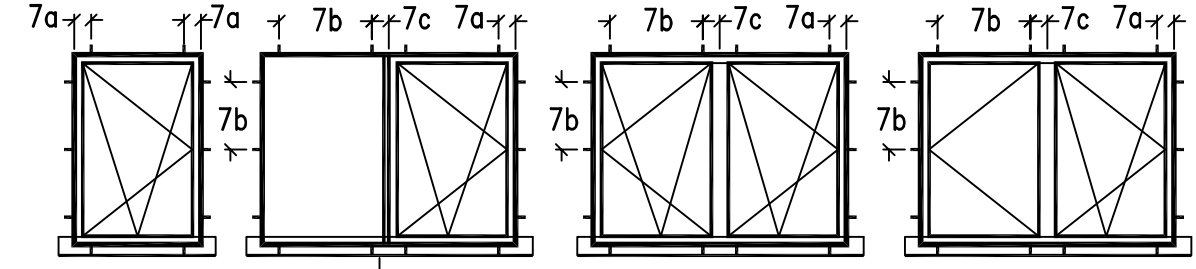
9. CAULK THE EXTERIOR PERIMETER TO PROVIDE SEAL BETWEEN WALL AND DOOR DESIGNED & CONSTRUCTED TO MINIMIZE THE PASSAGE OF RAIN & SNOW.

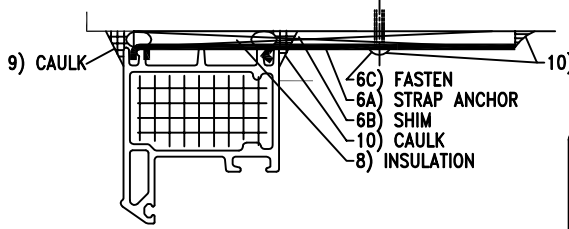
10. CAULK INTERIOR PERIMETER BETWEEN DOOR, WALL, INSTALLATION ANGLE, AROUND STRAP ANCHORS & ANCHOR SCREW HEADS WITH CONTINUOUS BEAD DESIGNED & CONSTRUCTED TO INTERCEPT ALL PRECIPITATION.

11. AT EXTERIOR DOOR SILL: A. CAULK THE TOP OF FLASHING TO DOOR 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).

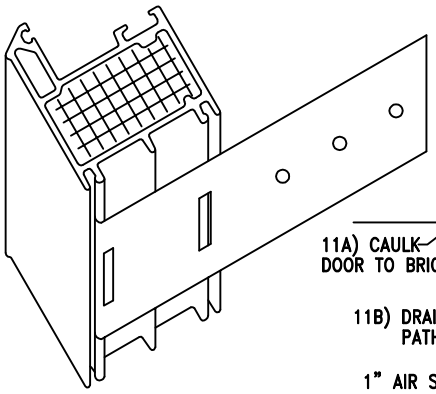
12. MAINTANANCE – WASH GLASS, FRAME, & HARDWARE WITH NON-ABRASIVE CLEANER & WATER. CLEAN & LUBRICATE WITH ONLY SILICONE LUBRICANT ALL HARDWARE & WEATHERSTRIP IMMEDIATELY AFTER DOOR IS INSTALLED, & EVERY SIX MONTHS MIN.

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.



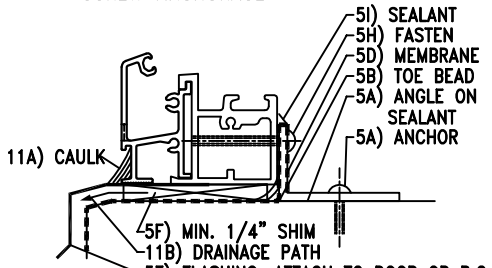


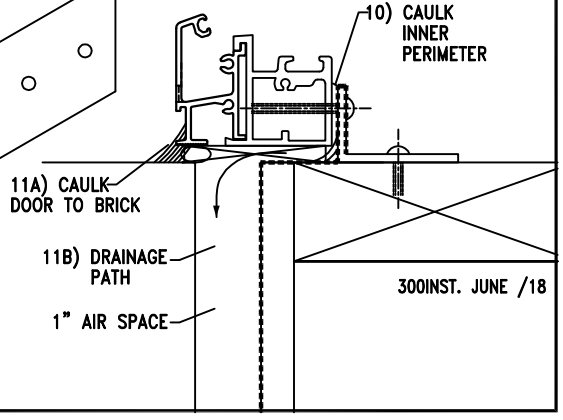
SCREW ANCHORAGE



6A) PERIMETER METAL ANCHOR

4) EXAMPLE: MASONARY WATER MANAGEMENT AT SILL





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