INLINE FIBERGLASS WINDOW INSTALLATION INSTRUCTIONS

900 SERIES DOUBLE HUNG 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.
    WINDOWS SHOULD NOT BE MODIFIED TO ACCOMMODATE AIR CONDITIONERS, EXHAUST FANS, ETC.
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 ARCHCORAGE
   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.
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 APPROXIMATELY 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, 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 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. 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 MONTHS MIN. TO MAINTAIN EASE OF OPERATION.
13. NOTE: ALL SEALANT APPLICATION SHALL INCLUDE THE FOLLOWING STEPS.
   A. SURFACE PREPARATION Wipe THE SURFACE WITH ALCOHOL.
   B. GENEROUS SEALANT BEAD DISPENSING. USE RIGHT NOZZLE SIZE.
   C. TOOLING OF BEAD TO ACHIEVE PROPER SHAPE & BOND.

RECOMMENDED MINIMUM ANCHOR LOCATIONS (SCREW, STRAP ANCHOR OR NAILING FIN)

![Diagram of window installation instructions]

4) EXAMPLE: WATER MANAGEMENT AT SILL
7a 7b 7c
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11) CAULK WINDOW TO BRICK
9) CAULK
6A) PERIMETER METAL ANCHOR
6A) STRAP ANCHOR
6B) SHIM
6C) CAULK
6D) INSULATION
6E) SEALANT
6F) FASTEN
6G)TOE BEAD
5A) ANGLE ON SEALANT
5A) ANCHOR
5F) 1/4" SHIM
5F) FLASHING: ATTACH TO WINDOW OR R.O. PRIOR TO WINDOW INSTALLATION

11A) DISSIPATE PRECIPITATION
11B) DRAINAGE PATH
1" AIR SPACE

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