STORMBREAKER PLUS 300VL
IMPACT RESISTANT VINYL
HORIZONTAL ROLLER WINDOW

GENERAL NOTES:
1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO
   COMPLY WITH THE 6TH EDITION (2017) FLORIDA BUILDING
   CODES, INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
2. BASED ON LABORATORY TESTING, THIS PRODUCT IS
   COMPLIANT WITH TAC 201/202/203 FOR LARGE MISSILE
   IMPACT PERFORMANCE (SHUTTERS ARE NOT REQUIRED).
3. GLAZING AS INDICATED HEREIN COMPLIES WITH ASTM E
   1300-04e01/09.
4. HIGH QUALITY SILICONE CAULK SHALL BE USED
   AROUND ENTIRE WINDOW PERIMETER, INSIDE AND OUT, BY
   INSTALLER.
5. WOOD BUCKS (BY OTHERS) MUST SUSTAIN ALL
   IMPOSED LOADS, THE CONTRACTOR IS RESPONSIBLE FOR
   MAINTAINING WINDOW OPENING AND ALL WOOD FRAMING
   AROUND WINDOW. WOOD BUCKS, BY OTHERS, MUST BE
   PROPERLY ANCHORED TO TRANSFER LOADS TO THE
   STRUCTURE AS APPROVED BY THE AUTHORITY HAVING
   JURISDICTION.
6. SEALING AND FLASHING STRATEGIES FOR OVERALL
   WATER INFRINGEMENT RESISTANCE OF INSTALLED PRODUCT
   ARE THE RESPONSIBILITY OF OTHERS.
7. ALL FASTENERS PENETRATING INTO PRESSURE TREATED
   WOOD SHALL BE CAPABLE OF PREVENTING CORROSION
   DUE TO REACTION WITH PRESSURE TREATMENT
   CHEMICALS. ANY DISSIMILAR MATERIALS THAT COME INTO
   CONTACT SHALL BE PROTECTED TO PREVENT GALVANIC
   REACTIONS IN ACCORDANCE WITH CODE REQUIREMENTS.
8. A WINDLOAD DURATION FACTOR Cd = 1.6 WAS USED
   FOR THE ANALYSIS OF WOOD SCREWS ONLY.

DESIGN PRESSURE RATING IMPACT RATING
+50.0 PSF -60.0 PSF LARGE MISSILE

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Lucas Turner
2017-09-05
10:41+20:00
1. REPLACE ONE L-BRACKET SCREW WITH A #10 X 2" INSTALLATION SCREW (APPROX. 1 3/4" FROM CENTERLINE).
2. APPLY CAULK AROUND SCREWS AT THE SILL.
3. SHIMS SHALL BE A "RIGID/STIFF" MATERIAL, PLASTIC OR METAL. SHIMS MUST BE USED WHEN GAP AT CENTERLINE Than 1/16" BETWEEN FRAME AND OPENING IS PRESENT AT THE ANCHOR LOCATION. MAX. SHIM STACK = 1/4".
4. ONLY MIAMI-DADE COUNTY APPROVED CORROSION RESISTANT FASTENERS AND ELCO ULTRAFASTENERS SHALL BE USED. WINDOW INSTALLERS SHALL FOLLOW ALL MANUFACTURER'S INSTRUCTIONS.
5. WOOD SHALL BE SPRUCE-PINE-FIR MIN. WITH G=0.42 MIN. MASONRY SHALL BE 2 KSI MIN. CONCRETE OR ASTM C90 CU (117 PFC MIN.)
1. SHIMS SHALL BE A "RIGID/STIFF" MATERIAL, PLASTIC OR METAL. SHIMS MUST BE USED WHEN GAP OF GREATER THAN 1/16" BETWEEN FRAME AND OPENING IS PRESENT AT THE ANCHOR LOCATION. MAX. SHIM STACK = 1/4".

2. ONLY MIAMI-DADE COUNTY APPROVED CORROSION RESISTANT FASTENERS AND ELCO ULTRAIRON FASTENERS SHALL BE USED. WINDOW INSTALLERS SHALL FOLLOW ALL MANUFACTURER'S INSTRUCTIONS.

3. WOOD SHALL BE SPRUCE—PINE—FIR MIN. WITH G=0.42 MIN. MASONRY SHALL BE 2 KSI MIN. CONCRETE OR ASTM C90 CMU (117 Pcf Min.).

HORIZONTAL CROSS SECTION (2X BUCK)

FIXED JAMB WITH STEEL REINFORCEMENT

INTERIOR
NOTES:
1. SHIMS SHALL BE "RIGID/STIFF" MATERIAL, PLASTIC OR METAL. SHIMS MUST BE USED WHEN GAP OF GREATER THAN 1/16" BETWEEN FRAME AND OPENING IS PRESENT AT THE ANCHOR LOCATION. MAX. SHIM STACK = 1/4".
2. ONLY MIAMI-DADE COUNTY APPROVED CORROSION RESISTANT FASTENERS AND ELCO ULTRACON FASTENERS SHALL BE USED. WINDOW INSTALLERS SHALL FOLLOW ALL MANUFACTURER'S INSTRUCTIONS.
3. WOOD SHALL BE SPRUCE-PINE-FIR MIN. WITH G=0.42 MIN. MASONRY SHALL BE 2 KSI MIN. CONCRETE OR ASTM C90 CMU (117 PCF MIN.)

3. HORIZONTAL CROSS SECTION (1X BUCK)
3. FIXED JAMB WITH STEEL REINFORCEMENT

4. HORIZONTAL CROSS SECTION (1X BUCK)
3. OPER. JAMB WITH STEEL REINFORCEMENT
ANCHOR LAYOUT
73" x 54" HORIZONTAL ROLLER

NOTES:
1. WHEN ANCHORING WINDOW TO A 2X WOOD BUCK, USE #10 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/2" EMBEDMENT INTO THE WOOD.
2. WHEN ANCHORING WINDOW TO A 1X WOOD BUCK AND MASONRY/CONCRETE, USE 3/16" #10 TAPCON ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4" MINIMUM EMBEDMENT INTO THE MASONRY/CONCRETE.
3. SEE SHEETS 2 THROUGH 4 FOR ADDITIONAL ANCHORAGE INFORMATION.