STORMBREAKER PLUS 300VL
IMPACT RESISTANT VINYL
2-PANEL SLIDING PATIO DOOR

GENERAL NOTES:
1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE 6TH ED.
   (2017) FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY
   HURRICANE ZONE, AND WAS TESTED USING METHODS
   AAAMA/WOMA/CSA101/A.S.1.24/AA-000-05/06 AND TAC 701, TAC
   202, AND TAC 203. GLAZING AS INDICATED HEREIN COMPLIES
   WITH ASTM E 1300-04e01/09. THIS PRODUCT IS LARGE MISSILE
   IMPACT RATED AND DOES NOT REQUIRE THE USE OF IMPACT
   PROTECTIVE DEVICES OR SHUTTERS.
2. ANCHOR TYPE, SIZE, SPACING, AND EMBRENDMENT SHALL BE
   AS SPECIFIED IN THESE DRAWINGS, USING ONLY MIAMI-DADE
   COUNTY APPROVED CORROSION-RESISTANT FASTENERS OR ITW
   TAPCON FASTENERS. ALL FASTENERS PENETRATING INTO
   PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING
   CORROSION DUE TO REACTION WITH PRESSURE TREATMENT
   CHEMICALS. HIGH QUALITY SILICONE CAULK SHALL BE USED BY
   INSTALLER AROUND ENTIRE WINDOW PERIMETER, INSIDE AND
   OUT.
3. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE
   COATED OR OTHERWISE PROTECTED PER FBC TO PREVENT
   GALVANIC REACTIONS. WOOD BUCKS, IF USED, SHALL BE
   PRESSURE TREATED, WITH EITHER A TREATMENT OR COATING
   COMPATIBLE WITH THE MATERIALS OF THIS DOOR.
4. ANCHORS EMBRENDMENT TO SUBSTRATE SHALL BE BEYOND WALL
   DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS.
   EMBRENDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND
   INTO SUBSTRATE INSTALLATIONS TO SOLID CONCRETE OR
   GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQUIRE 1X
   WOOD BUCKS BETWEEN PRODUCT AND SUBSTRATE.
   INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF 1X
   BUCKS BETWEEN PRODUCT AND SUBSTRATE.
5. WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK
   FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND
   INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
   SUBSTRATES SHALL MEET THE MINIMUM STRENGTH
   REQUIREMENTS AS SHOWN IN THESE DRAWINGS. CONCRETE OR
   MASONRY SUBSTRATES SHALL NOT BE CRACKED.
6. SHIMS ARE REQUIRED AT EACH INSTALLATION FASTENER
   WHERE GAPS OF GREATER THAN 1/16" EXIST BETWEEN OPENING
   AND FRAME. MAX. SHIM STACK IS 1/4" SHIMS SHALL BE
   LOAD-BEARING AND CAPABLE OF TRANSFERRING LOADS TO THE
   SUBSTRATE.
7. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER
   PENETRATION RESISTANCE OF THE INSTALLED PRODUCT ARE THE
   RESPONSIBILITY OF OTHERS.
8. A WIND LOAD DURATION FACTOR CD = 1.6 WAS USED FOR
   THE ANALYSIS OF WOOD SCREWS.
9. A MINIMUM CENTER-TO-CENTER SPACING OF 1-1/2" SHALL
   BE MAINTAINED BETWEEN ALL ITW TAPCONS IN ANY DIRECTION.

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+50 PSF/-50 PSF
IMPACT RATING
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MISSILE IMPACT

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Lucas Turner
2017-12-13
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NOTES:
1. RIGHT OPENING DOOR SHOWN. LEFT OPENING DOOR INSTALLATION SIMILAR.

2. WHEN ANCHORING THE DOOR TO A 2X WOOD BUCK, USE ITEM #21, #10 MIN. WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2" EMBEDMENT INTO THE WOOD.

3. WHEN ANCHORING THE DOOR THRU A 1X WOOD BUCK INTO 2000 PSI (MIN.) CONCRETE (HEAD SILL, OR JAMB) OR 95 PCF (MIN.) MASONRY BLOCK (JAMBS ONLY), USE ITEM #22, 3/16" # MIN. ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4" EMBEDMENT INTO THE CONCRETE OR MASONRY BLOCK.