ANDERSEN CORPORATION

E-SERIES FRENCH GLIDING & STATIONARY PATIO DOOR (WZ3) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO
   COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC).

2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X
   AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING
   SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED
   PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE
   ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF
   INSTALLATION.

3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED
   TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN
   AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR
   ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.

4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY
   NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE
   CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE
   REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR
   ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH
   THIS DOCUMENT.

5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO
   PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN
   WIND ZONE 3 OR LESS.

6. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT
   THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND
   ZONE 4.

7. DOOR FRAME MATERIAL: ALUMINUM CLAD WOOD.

8. MULLION MATERIAL: LAMINATED VENEER LUMBER.

9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE
   SHEET 2 FOR GLAZING DETAILS.

10. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

     X: OPERABLE PANEL

     O: FIXED PANEL

11. CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE
    WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.

GLAZING DETAIL - G1

SHOWN WITH COLONIAL GLASS STOP

GLAZING DETAIL - G2

SHOWN WITH CONTEMPORARY GLASS STOP

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DESIGN PRESSURE RATING

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<tr>
<th>D.A SIZE</th>
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<th>PANEL STYLE</th>
<th>DESIGN PRESSURE</th>
<th>MISSILE IMPACT RATING</th>
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<tr>
<td>71.3/4&quot; X 96&quot;</td>
<td>O, X</td>
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<td>+60.0 / 65.0 PSF</td>
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<td>+60.0 / 65.0 PSF</td>
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</table>

Design and Engineering:

ANDERSEN CORPORATION

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150   FX: (651) 264-5485

1. GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
2. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH
   FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
3. SETTING BLOCK DUROMETER HARDNESS OF 70-90
   (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
4. GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING
   REQUIREMENTS PER CHAPTER 24 OF THE FBC.

PH: (954)399-8478 FAX: (954)744.4738
WEB: www.buildingdrops.com
ELEVATION
SINGLE UNIT - STATIONARY

UNIT MAX.
WIDTH 50.000"

D.L.O. MAX.
WIDTH 48.375"

D.L.O. MAX.
HEIGHT 83.625"

Panel Max.
HEIGHT 92.875"

96.000"

ELEVATION
SINGLE UNIT - GLIDING

UNIT MAX.
WIDTH 71.75"

Panel Max.
WIDTH 37.188"

D.L.O. MAX.
WIDTH 27.813"

D.L.O. MAX.
HEIGHT 83.625"

Panel Max.
HEIGHT 92.875"

96.000"

4 11/16" STILES & RAIL
8" BOTTOM RAIL

4 11/16" STILES & RAIL
12" BOTTOM RAIL

4 11/16" STILES & RAIL

QUALIFIED PANEL STYLES
ANCHOR LAYOUT

**STATIONARY UNIT THROUGH FRAME INSTALLATION**

- 6" MAX. FROM CORNERS
- 6" MAX. SPACING
- SEE ANCHOR SCHEDULE CHART

**ANCHOR LAYOUT**

**GLIDING UNIT THROUGH FRAME INSTALLATION**

- 6" MAX. FROM CORNERS
- 6" MAX. SPACING
- SEE ANCHOR SCHEDULE CHART

**ANCHOR SCHEDULE CHART**

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<td>JAMB</td>
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<tr>
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<td>+/- 60 PSF</td>
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<td>50&quot; X 96&quot;</td>
<td>+/- 60 PSF</td>
<td>12.0</td>
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WS-WOOD SCREW
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

E-SERIES FRENCH GLIDING + STATIONARY PATIO DOOR (WZ3)(IMPACT)
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE SPECIFIED IN ANCHOR SCHEDULE.

2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.

3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/8 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.

4. SHIM(S) ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.

5. FOR MASONRY OR CONCRETE OPENINGS, 1X WOOD BUCK MAY BE USED WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.

6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.

7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

8. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.

9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

10. SILL SHALL BE SET IN A BED OF STRUCTURAL SILICONE.
NOTE:

1) MULLION CHART APPLIES TO ZERO MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.

2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.

3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.

4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.

5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 6.

6) TRIBUTARY WIDTH = W = (A+B)/2

7) WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
### MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF)

#### 1/2 X 5-3/16" STRUCTURAL MULLION (ONE-WAY) CONFIGURATION

<table>
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<tr>
<th>L - Mull Length (in)</th>
<th>24.0</th>
<th>36.0</th>
<th>48.0</th>
<th>60.0</th>
<th>72.0</th>
<th>84.0</th>
<th>96.0</th>
<th>108.0</th>
<th>120.0</th>
<th>132.0</th>
<th>144.0</th>
<th>156.0</th>
<th>168.0</th>
<th>180.0</th>
<th>192.0</th>
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<tbody>
<tr>
<td>W - Tributary Width (in)</td>
<td>60.00</td>
<td>60.00</td>
<td>60.00</td>
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<td>60.00</td>
<td>60.00</td>
<td>60.00</td>
<td>60.00</td>
</tr>
</tbody>
</table>

### Note:

1. **MULLION CHART APPLIES TO 1/2" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.**
2. **DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.**
3. **MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.**
4. **DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.**
5. **MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 6.**
6. **TRIBUTARY WIDTH = W = (A+B)/2**
7. **WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.**
NOTE:
1) MULLION CHART APPLIES TO 3/4" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY CONFIGURATIONS.
2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 6.
6) TRIBUTARY WIDTH = W = (A+B)/2
7) WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
NOTE:
1) MULLION CHART APPLIES TO 1" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.
2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 6.
6) TRIBUTARY WIDTH = W = (A+B)/2
7) WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
NOTE:
1) MULLION CHART APPLIES TO 2" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.  
2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.  
3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.  
4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.  
5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 6.  
6) TRIBUTARY WIDTH = W = (A+B)/2  
7) WHEN PRODUCTS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.