ANDERSEN CORPORATION

E-SERIES HINGED PATIO DOOR - INSWING (WZ3) (IMPACT)

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GENERAL NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO
   COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC),
   EXCLUDING HVAZ AND HAS BEEN EVALUATED ACCORDING TO THE
   FOLLOWING:
   · AAMA/WDMA/CSA 101/11.5.2/A440-08/11
   · ASTM E1886-05
   · ASTM E1996-12

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 NOT 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, CLADDING : ALUMINUM
   WOOD: PONDEROSA PINE

8. MULLION MATERIAL: LAMINATED VENEER LUMBER

9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING
   DETAILS ON SHEET 1.

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.
148.75" MAX. O.A. FRAME WIDTH (WITH 2" MULLION)

30.875" D.L.O.

36.5" SIDELITE PANEL WIDTH

36.5" DOOR PANEL WIDTH

96" MAX. O.A. FRAME HEIGHT

93.188" DOOR PANEL HEIGHT

ELEVATION

INSWING DOOR WITH 2" MULLION

OTHER QUALIFIED CONFIGURATIONS

CONFIGURATION WIDTH HEIGHT PANEL TYPE PG RATING STRUCTURAL DESIGN PRESSURE

X OR O 36 96 SP1, SP2, SP1R1, SP1R2, SP2R3, SP1M1, SP1M2, SP2M1, SP2M2, SP2M3, SL1, SL2, SL1R1, SL1R2, SL2R3, SL1M1, SL1M2, SL2M1, SL2M2, SL2M3 PG45 +50 / -65

XX 72 96 SP1, SP2, SP1R1, SP1R2, SP2R3, SP1M1, SP1M2, SP2M1, SP2M2, SP2M3 PG40 +50 / -65

O 72 36 ST1, ST2, ST3, ST4, ST5 PG65 +/-65

NOTE:

1. REFER TO SECTION 9 FOR DESIGN PRESSURES BASED ON CORRESPONDING MULLION TYPES.
NOTE:
1. REFER TO SHEET 2.0 & SECTION 9 FOR CONFIGURATIONS, PANEL TYPES & DESIGN PRESSURES BASED ON CORRESPONDING MULLION TYPES.

ELEVATION
INSWING DOOR WITH TRANSOM & 2" MULLION

OTHER QUALIFIED CONFIGURATIONS
VERTICAL SECTIONS

1) FULL GLAZED PANEL

2) FULL GLAZED SIDELITE

VERTICAL SECTION

INSULATED GLASS
ZERO MULLION

SURFACE BOLTS REQUIRED ON PASSIVE PANEL OF DOUBLE DOORS

See glazing details sheet 1

OPTIONAL MUNTIN BAR
ATTACHMENT TO GLASS

1 1/2" MDL BAR
1 1/2" MDL ADHESIVE TAPE

7/8" MDL BAR
7/8" MDL ADHESIVE TAPE

SURFACE BOLTS REQUIRED ON PASSIVE PANEL OF DOUBLE DOORS

1 3/4" INTERIOR
1 1/2" INTERIOR

1 3/4" EXTERIOR
1 1/2" EXTERIOR

SEE GLAZING DETAILS SHEET 1

1 1 3/8" O.A. FRAME HEIGHT
1 3/4" O.A. FRAME HEIGHT

1 3/16" D.L.O. VARIES
1 3/16" D.L.O. VARIES

0.01" ADHESIVE TAPE
3.1 2" X 5-3/16" MULLION
VERTICAL SECTION
INSULATED GLASS
D.L.O. VARIES
D.L.O. VARIES
3 3/4"
INTERIOR EXTERIOR
SEE GLAZING DETAILS SHEET 1

3.1 1" X 5-3/16" MULLION
VERTICAL SECTION
INSULATED GLASS
D.L.O. VARIES
D.L.O. VARIES
2 3/4"
INTERIOR EXTERIOR
SEE GLAZING DETAILS SHEET 1

3.1 3/4" X 5-3/16" MULLION
VERTICAL SECTION
INSULATED GLASS
D.L.O. VARIES
D.L.O. VARIES
2 1/2"
INTERIOR EXTERIOR
SEE GLAZING DETAILS SHEET 1

3.1 1/2" X 5-3/16" MULLION
VERTICAL SECTION
INSULATED GLASS
D.L.O. VARIES
D.L.O. VARIES
2 1/4"
INTERIOR EXTERIOR
SEE GLAZING DETAILS SHEET 1

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.
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E-SERIES HINGED PATIO DOOR - INSWING (IMPACT) (WZ3)
4.1 OPERABLE TO FIXED HORIZONTAL SECTION

3/4" X 5-3/16" MULLION

EXTERIOR

INTERIOR

O.A. FRAME WIDTH

D.L.O.

VARIES

3

4.1 OPERABLE TO FIXED HORIZONTAL SECTION

1" X 5-3/16" MULLION

EXTERIOR

INTERIOR

O.A. FRAME WIDTH

D.L.O.

VARIES

4

4.1 OPERABLE TO FIXED HORIZONTAL SECTION

1/2" X 5-3/16" MULLION

EXTERIOR

INTERIOR

O.A. FRAME WIDTH

D.L.O.

VARIES

2

4.1 OPERABLE TO FIXED HORIZONTAL SECTION

ZERO MULLION

EXTERIOR

INTERIOR

O.A. FRAME WIDTH

D.L.O.

VARIES

1

See glazing details sheet 1

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.

FL25570

PREPARED BY:

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ADDED 3/4" X 5-3/16" MULLION & STICKLE CHARTS 7.31.19

FBC 17TH EDITION UPDATE HR 7.2.18

ADDED ZERO, 1/2", 1" MULL HR 4.12.19
4.2 OPERABLE TO FIXED

HORIZONTAL SECTION

2" X 5-3/16" MULLION
OPERABLE TO FIXED

INTERIOR

SEE GLAZING DETAILS SHEET 1

EXTERIOR

D.L.O. Varies

3 3/4"

3 17/32"

D.L.O.

O.A. FRAME WIDTH

SEE GLAZING DETAILS SHEET 1

4.2 FIXED TO FIXED

HORIZONTAL SECTION

2" X 5-3/16" MULLION
FIXED TO FIXED

INTERIOR

SEE GLAZING DETAILS SHEET 1

EXTERIOR

D.L.O. Varies

3 3/4"

3 17/32"

D.L.O.

O.A. FRAME WIDTH

SEE GLAZING DETAILS SHEET 1
NOTES:
1. SURFACE BOLTS REQUIRED ON IMPACT DOUBLE UNITS

OPTION 1
(AW HARDWARE)

ACTIVE LEAF:
AUTOLATCH® MULTIPOINT LOCK SYSTEM, 105MM LOCK TO HANDLE SPACING, 50 MM LOCK/HANDLE BACKSET.

PASSIVE LEAF:
HANGING OPERATED SHOOT BOLT THROUGH ASTRAGAL, LATCH AND DEADBOLT BLOCKERS

OPTION 2
(TYPE I)

ACTIVE LEAF:
AUTOLATCH® MULTIPOINT LOCK SYSTEM, 52MM LOCK TO HANDLE SPACING, 45 MM LOCK/HANDLE BACKSET.

PASSIVE LEAF:
MANUALLY OPERATED MORTISE LEVER SHOOT BOLT THROUGH ASTRAGAL, NO HANDLE.

OPTION 3
(TYPE II)

ACTIVE LEAF:
AUTOLATCH® MULTIPOINT LOCK SYSTEM, 52MM LOCK TO HANDLE SPACING, 45 MM LOCK/HANDLE BACKSET.

PASSIVE LEAF:
MANUALLY OPERATED MORTISE LEVER SHOOT BOLT THROUGH ASTRAGAL, DUMMY HANDLE

HINGE LOCATIONS
USE #12 SCREW TYP.

MAX. SPACING
SEE TABLE

HINGE DETAIL

3-PT LOCK SYSTEM
ACTIVE / SINGLE DOOR
APPLIES TO ALL LOCK OPTIONS

STRIKE PLATE LOCATIONS
@ ASTRAGAL/JAMB
APPLIES TO ALL LOCK OPTIONS

STRIKE LOCATION
USE #8 SCREW TYP.

HINGE LOCATION MEASURED FROM THE BOTTOM

<table>
<thead>
<tr>
<th>FRAME OPENING HEIGHT</th>
<th>ACTUAL DOOR HEIGHT</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
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<td>67.489&quot;</td>
<td>36.875&quot;</td>
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<td>64.875&quot;</td>
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<td>79.675&quot;</td>
<td>36.875&quot;</td>
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<tr>
<th>FRAME OPENING HEIGHT</th>
<th>ACTUAL DOOR HEIGHT</th>
<th>MAX. HINGE SPACING (CENTER TO CENTER)</th>
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<tbody>
<tr>
<td>80.5&quot;</td>
<td>80&quot;</td>
<td>28.52&quot;</td>
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<td>84.5&quot;</td>
<td>84&quot;</td>
<td>30.52&quot;</td>
</tr>
<tr>
<td>96.5&quot;</td>
<td>96&quot;</td>
<td>24.35&quot;</td>
</tr>
</tbody>
</table>
ANCHOR LAYOUT

ACTIVE DOOR LEGEND "X"

- TWO (2) ANCHORS THRU HINGE PLATE
- ANCHORS THRU CENTER RECEIVER wood or metal; three (3) concrete / anchors: two (2)
- ANCHORS THRU STRIKE LL PLATE wood or steel: two (2) concrete: two (2)
- ANCHORS THRU STRIKE SILL PLATE wood or steel: two (2) concrete: two (2)
- ANCHOR MID-SPAN BETWEEN HINGES AND STRIKE PLATES

NOTES:
- Anchor locations apply to screws through frame, aluminum mullion & strap installation.
- 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.
**MIN. EDGE DIST.**

**SUBSTRATE BY OTHERS**

3/8" MAX.

**MIN. EMBEDMENT**

EXTERIOR

INTERIOR

---

**VERTICAL SECTION**

1. **DOOR HEAD OR JAMB OR SILL THROUGH FRAME**

2. **VERTICAL SECTION**

3. **VERTICAL SECTION**

**DOOR HEAD OR JAMB OR SILL ALUMINUM NAIL FIN**

**DOOR HEAD OR JAMB OR SILL STRAP**

---

**ANCHOR SCHEDULE**

<table>
<thead>
<tr>
<th>METHOD</th>
<th>SUBSTRATE</th>
<th>ANCHOR SCHEDULE</th>
<th>MIN EMBEDMENT</th>
<th>MIN. EDGE DISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>THROUGH FRAME</td>
<td>WOOD: MIN. SG = 0.55</td>
<td>#12 WOOD SCREW</td>
<td>1.5&quot;</td>
<td>0.75&quot;</td>
</tr>
<tr>
<td></td>
<td>METAL: 18 GAUGE, MIN. Fy=33KSI</td>
<td>#14 TEK SCREW</td>
<td>3 THREADS MIN PENETRATION BEYOND METAL</td>
<td>0.75&quot;</td>
</tr>
<tr>
<td></td>
<td>CONCRETE: f_c = 3000PSI</td>
<td>1/4&quot; ITW TAPCON</td>
<td>1.75&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>STRAP ANCHOR</td>
<td>WOOD: MIN. SG = 0.55</td>
<td>#8 WOOD SCREW</td>
<td>1.5&quot;</td>
<td>0.75&quot;</td>
</tr>
<tr>
<td></td>
<td>METAL: 18 GAUGE, MIN. Fy=33KSI</td>
<td>#14 TEK SCREW</td>
<td>3 THREADS MIN PENETRATION BEYOND METAL</td>
<td>0.75&quot;</td>
</tr>
<tr>
<td></td>
<td>ALUMINUM NAIL FIN</td>
<td>#8 WOOD SCREW</td>
<td>1.5&quot;</td>
<td>0.75&quot;</td>
</tr>
<tr>
<td></td>
<td>METAL: 18 GAUGE Steel, MIN. Fy=33KSI</td>
<td>#8 TEK SCREW</td>
<td>3 THREADS MIN PENETRATION BEYOND METAL</td>
<td>0.75&quot;</td>
</tr>
<tr>
<td>STRIKE PLATES</td>
<td>SEE SECTIONS 6 &amp; 7 FOR QUANTITIES OF INSTALLATION ANCHORS AS MENTIONED ABOVE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hinges</td>
<td>2 ANCHORS PER HINGE SEE SECTIONS 6 &amp; 7</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**INSTALLATION NOTES:**

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.

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

3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.

4. FOR MASONRY OR CONCRETE OPENINGS A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.

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

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

7. 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.

8. 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.

9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
   A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
   B. CONCRETE - MINIMUM COMpressive STRENGTH OF 3000 PSI.
   C. MASONRY - MINIMUM COMpressive STRENGTH OF 2000 PSI.
   D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS (20 GAUGE).
   E. ALUMINUM - MINIMUM 6063-T5 ALLOY. MINIMUM WALL THICKNESS OF 1/8".
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 SECTION 8.
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 ZERO 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.
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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.

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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 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 SECTION 8.

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.
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1) MULLION CHART APPLIES TO 3/4" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY CONFIGURATIONS.

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

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5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SECTION 8.

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.
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### MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF)

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

<table>
<thead>
<tr>
<th>L - Mullion 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>
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<th>168.0</th>
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#### Diagram:

1" X 5 3/16" MULLION
NOTE:
1) MULLION CHART APPLIES TO 1" 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 SECTION 8.
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.
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NOTE:

1) MULLION CHART APPLIES TO 2" 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.

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### Maximum Design Pressure Capacity Chart (PSF)

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**2" X 5 3/16" MULLION**

**A + B = W**

![Diagram of mullion assembly](image-url)