PRODUCT APPROVAL FOR
FL550 DRY GLAZE SYSTEM

GENERAL NOTES:
TEST STANDARDS
TAS201, TAS202, TAS203
WATER INFILTRATION 15 PSF
AIR INFILTRATION 6.24 PSF
TYPICAL GLASS BITE 9/16" UNLESS OTHERWISE NOTED
1/4" MINIMUM SHIM SPACE @ PERIMETER UNLESS OTHERWISE NOTED
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH
FLORIDA BUILDING CODE 2010 EDITION FOR HVHZ
MATERIALS THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS
SHALL MEET REQUIREMENTS OF 2010 FLORIDA BUILDING CODE
SECTION 2003.B.4
SERIES 281 & 381 DOORS SHOWN ON DRAWINGS ARE UNDER
SEPARATE APPROVAL NUMBER, PREVAILING PRESSURE OF DOOR WILL
PREVAIL WHEN USED IN THIS SYSTEM

DRY GLAZE SYSTEM MUST BE USED WITH DUPONT SENTRY GLAS®
.090 INTERLAYER THICKNESS.

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ABBREVIATIONS:
DIA. = DIAMETER
D.L.O. = DAY LIGHT OPENING
EXT. = EXTERIOR
ELEVS. = ELEVATIONS
INT. = INTERIOR
MAX. = MAXIMUM
MIN. = MINIMUM
O.C. = ON CENTER
OPP. = OPPOSITE
TYP. = TYPICAL
### Elevation E1

**Typical Heavy Wall Mullion**

NOTES:
- Design Pressure = 45.45 PSF
- NS281 and MS361 under separate approval. Dry Glaze Systems are approved with Dupont Sentry Glass Interlayers only.

**Glazing Schedule**

<table>
<thead>
<tr>
<th>Glass Mark Symbol</th>
<th>Glass Type</th>
<th>Manufacturer</th>
<th>Maximum D.I.O. Size</th>
<th>Maximum Square Feet</th>
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</thead>
<tbody>
<tr>
<td>D</td>
<td>.25 H.S. x .060 Sentry Glass Plus X .25 H.S. X .25 Tempered</td>
<td>Dupont®</td>
<td>57 1/2&quot; x 96&quot;</td>
<td>38.3</td>
</tr>
</tbody>
</table>

Scale: 3/8" = 1'-0"
NOTES:
DESIGN PRESSURE = +70/-70 PSF
NS281 AND MS381 UNDER SEPARATE
APPROVAL, DRY GLAZE SYSTEMS ARE
APPROVED WITH DUPONT SENTRY
GLASS INTEGRAL MULLIONS ONLY

ELEVATION E2
TYPICAL STANDARD MULLION

GLAZING SCHEDULE

<table>
<thead>
<tr>
<th>GLASS MARK SYMBOL</th>
<th>GLASS TYPE</th>
<th>MANUFACTURER</th>
<th>MAXIMUM D.L.O. SIZE</th>
<th>MAXIMUM SQUARE FEET</th>
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<tbody>
<tr>
<td>D</td>
<td>.25 H.S X .090 SENTRY GLASS PLUS X .25 H.S. X .25 TEMPERED 1-5/16&quot; OVERALL</td>
<td>DUPONTb</td>
<td>57 1/2&quot; x 96&quot;</td>
<td>38.3</td>
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<tr>
<td>ITEM NO.</td>
<td>PN</td>
<td>DESCRIPTION</td>
<td>DIMENSIONS</td>
<td>MATERIAL</td>
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<td>---------</td>
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<td>------------------------------</td>
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<tr>
<td>1</td>
<td>N01</td>
<td>EXTERIOR GLAZING GASKET</td>
<td>0.120 SPACE</td>
<td>EPDM</td>
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<tr>
<td>2</td>
<td>N015</td>
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<td>0.120 SPACE</td>
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<tr>
<td>3</td>
<td>SW001</td>
<td>JOINT SEALANT TAPE</td>
<td>0.500 X 0.125 X</td>
<td>BUTYL</td>
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<tr>
<td>4</td>
<td>795</td>
<td>SILICONE- PERIMETER SEALANT</td>
<td>FILL SPACE</td>
<td>SILICONE</td>
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<tr>
<td>5</td>
<td>995</td>
<td>SILICONE- GLASS TO METAL</td>
<td>FILL SPACE</td>
<td>SILICONE</td>
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<tr>
<td>6</td>
<td>5815</td>
<td>SETTING BLOCK, G. BILL &amp; HORIZONTAL</td>
<td>1.468 X 0.628 X 4.000</td>
<td>EPDM</td>
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<tr>
<td>7</td>
<td>A576</td>
<td>FASTENER</td>
<td>#10 X 1-1/4&quot; FH</td>
<td>STEEL</td>
</tr>
<tr>
<td>8</td>
<td>WD300-1</td>
<td>WATER DIVERTER</td>
<td>1.358 X 1.312 X 0.050</td>
<td>6063-T6 ALUMINUM</td>
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<tr>
<td>9</td>
<td>FL551</td>
<td>FLAT SEAL OR WALL JAMB</td>
<td>2.500 X 5.000 X 0.094</td>
<td>6063-T6 ALUMINUM</td>
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<tr>
<td>10</td>
<td>FL552</td>
<td>BILL OR HEAD</td>
<td>2.556 X 4.980 X 0.094</td>
<td>6063-T6 ALUMINUM</td>
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<tr>
<td>11</td>
<td>FL553</td>
<td>GLASS STOP</td>
<td>1.250 X 1.646 X 0.078</td>
<td>6063-T6 ALUMINUM</td>
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<tr>
<td>12</td>
<td>FL554</td>
<td>S G.P. VERTICAL MULLION</td>
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<tr>
<td>13</td>
<td>FL555</td>
<td>OPEN BACK MULLION FILLER</td>
<td>0.681 X 4.670 X 0.080</td>
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<tr>
<td>14</td>
<td>FL556</td>
<td>INTERMEDIATE HORIZONTAL</td>
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<td>15</td>
<td>FL557</td>
<td>FLAT SEAL AT DOOR JAMB</td>
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<td>16</td>
<td>FL558</td>
<td>HEAVY VERTICAL MULLION</td>
<td>2.500 X 0.000 X 0.213</td>
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<tr>
<td>17</td>
<td>FL559</td>
<td>TRANSOM EASIS</td>
<td>2.669 X 1.000 X 0.062</td>
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<tr>
<td>18</td>
<td>FL560</td>
<td>TRANSOM GLASS STOP</td>
<td>0.767 X 0.627 X 0.062</td>
<td>6063-T6 ALUMINUM</td>
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<td>19</td>
<td>FL561</td>
<td>TRANSOM FLUSHING</td>
<td>2.620 X 5.602 X 0.094</td>
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<tr>
<td>20</td>
<td>C5000-1</td>
<td>SETTING CHAIR</td>
<td>3.158 X 0.844 X 0.078</td>
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<tr>
<td>21</td>
<td>ED515-1</td>
<td>BILL FLASHING END DAM</td>
<td>2.500 X 1.000 X 0.062</td>
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<tr>
<td>22</td>
<td>SRG04</td>
<td>STEEL REINFORCEMENT</td>
<td>4.562 X 1.250 X 0.250</td>
<td>A36 STEEL</td>
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<td>23</td>
<td>A518</td>
<td>FASTENER</td>
<td>#14 X 1 THREATS</td>
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<td>A531</td>
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<td>#6 X 3/4&quot; FPH</td>
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<td>A535</td>
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<td>#10-24 X 1/2&quot; IH</td>
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<td>26</td>
<td>D5001</td>
<td>DOOR STOP</td>
<td>0.908 X 1.258 X 0.050</td>
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<td>27</td>
<td>NO5</td>
<td>DOOR STOP GASKET</td>
<td>0.070 SPACE</td>
<td>EPDM</td>
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<tr>
<td>28</td>
<td>A539</td>
<td>FASTENER</td>
<td>#10 X 1 3/4&quot; FH</td>
<td>STEEL</td>
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<tr>
<td>29</td>
<td>D207</td>
<td>DOOR HEADER</td>
<td>2.500 X 0.000 X 0.094</td>
<td>6063-T6 ALUMINUM</td>
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<td>30</td>
<td>S816</td>
<td>SETTING BLOCK FOR INVERTED HORIZONTAL</td>
<td>1.679 X 0.588 X 4.000</td>
<td>EPDM</td>
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<tr>
<td>31</td>
<td>FL532</td>
<td>HIGH PERFORMANCE SUSSILL</td>
<td>2.500 X 5.249 X 0.084</td>
<td>6063-T6 ALUMINUM</td>
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<tr>
<td>32</td>
<td>AS21</td>
<td>FASTENER</td>
<td>#8X1/4&quot; PPH TYPE &quot;YB&quot; Z. PLT.</td>
<td>STEEL</td>
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<td>TRANSOM SETTING BLOCK</td>
<td>1.250 X 3.13 X 4.000</td>
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<td>34</td>
<td>TH4</td>
<td>THRESHOLD</td>
<td>4.000 X 0.500 X 0.140</td>
<td>6063-T6 ALUMINUM</td>
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<tr>
<td>35</td>
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<td>DOOR JAMB</td>
<td>2.500 X 0.000 X 0.064</td>
<td>6063-T6 ALUMINUM</td>
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<tr>
<td>36</td>
<td>C5050</td>
<td>SETTING CHAIR</td>
<td>1.544 X 1.218 X 0.062</td>
<td>6063-T6 ALUMINUM</td>
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</table>
CONCRETE SUBSTRATE ANCHOR LOCATIONS

PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
   A. 2500 PSI CONCRETE
   B. STEEL, 18 GA. MIN.
   C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
   D. SO. PINE, GRADE NO. 2 OR BETTER
2. FIRST ANCHOR IS 2" FROM EDGE
   OF VERTICAL. EACH ADDITIONAL
   FASTENER IS AT REQUIRED MIN. SPACING.

HEAD
1/4" X 2 1/2" TAPCON W/ 1 3/4" MIN.
EMBEDMENT, MIN. 4" SPACING, 2-1/2" MIN.
EDGE DIST., (2) @ JAMB (6) TOTAL @
INTERMEDIATE MULLION OR 3/8" X 2-1/2"
LOT W/ 2" MIN. EMBEDMENT, 2" MIN. EDGE
DIST., (1) @ JAMB, (4) TOTAL @
INTERMEDIATE MULLION

WALL JAMB
LOCATE (3) @ MIDPOINT:
1/4" X 2 1/2" TAPCON, 3" MIN. SPACING
WITH 1 3/4" MIN. EMBEDMENT, 2-1/2"
MIN. EDGE DIST. OR
LOCATE (2) @ MIDPOINT:
3/8" X 2-1/2" LOT W/ 2" MIN.
EMBEDMENT, 2" MIN. EDGE DIST.

NOTE:
MIDPOINT JAMBS MAY BE OMITTED
FOR PRESSURES LESS THAN 55 PSF

SILL
1/4" X 2 1/2" TAPCON W/ 1 3/4" MIN.
EMBEDMENT, MIN. 4" SPACING, 2-1/2" MIN.
EDGE DIST., (2) @ JAMB (6) TOTAL @
INTERMEDIATE MULLION OR 3/8" X 2-1/2"
LOT W/ 2" MIN. EMBEDMENT, 2" MIN. EDGE
DIST., (1) @ JAMB, (2) TOTAL @
INTERMEDIATE MULLION

HIGH PERFORMANCE SUBSILL
SAME AS SILL ABOVE TO SUBSTRATE.
SILL MUST BE ANCHORED TO SUBSILL
WITH 1/4" - 1" X 1 1/2" STAINLESS
STEEL PHP - (2) PLUS (2) 4"
EACH SIDE OF VERTICAL MULLION.
PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
   A. 2500 PSI CONCRETE
   B. STEEL, 18 GA. MIN.
   C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
   D. S.O. PINE, GRADE NO. 2 OR BETTER
2. FIRST ANCHOR IS 2" FROM EDGE
   OF VERTICAL. EACH ADDITIONAL
   FASTENER IS AT REQUIRED MIN. SPACING.

HEAD
3/8"-16 X 2 3/4" HH BOLT
WITH WASHER AND NUT

WALL JAMB
LOCATE @ MIDPOINT:
3/8"-16 X 2 3/4" HH BOLT
WITH WASHER AND NUT.
1 1/2" MIN. SPACING

NOTE:
MIDPOINT JAMB ANCHORS MAY BE OMITTED
FOR PRESSURES LESS THAN 55 PSF

SILL
3/8"-16 X 2 3/4" HH BOLT
WITH WASHER AND NUT

SEE SHEET 10 OF 13 FOR
CONCRETE ATTACHMENT

HIGH PERFORMANCE SUBSILL
SAME AS SILL ABOVE TO SUBSTRATE.
SILL MUST BE ANCHORED TO SUBSILL
WITH 1/4"-14 X 1 1/2" STAINLESS
STEEL PHP - (2) THUS @ 2" AND 4"
ON EACH SIDE OF VERTICAL MULLION.