PRODUCT APPROVAL FOR
PW251.5.5 CURTAIN WALL SYSTEM

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GENERAL NOTES:

TEST STANDARDS:
AIR – ASTM E283
WATER – ASTM E331
STATIC – ASTM E330/TAS202
AAWA 501-13
WATER INfiltrAtION – 20 PSF
AIR INfiltrAtION – 6.27 PSF

TYPICAL GLASS BITE 1/2” UNLESS NOTED OTHERWISE.

1/2” MINIMUM SHIM SPACE @ PERIMETER UNLESS
NOTED OTHERWISE.

ALL ALUMINUM EXTRUSIONS SHALL BE MADE OF 6063–T6
ALLOY AND TEMPER.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY
WITH CURRENT FLORIDA BUILDING CODE. THIS PRODUCT IS NOT
APPROVED FOR USE IN HIGH VELOCITY HURRICANE ZONES OR
OR WIND-BORNE DEBRIS REGIONS.

SERIES 213/380/500 DOORS ARE UNDER SEPARATE APPROVAL.
SERIES 213 SHOWN FOR CLARITY

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 CAPTURED MULLION

NOTES:
- DESIGN PRESSURE = +35/-35 PSF
- FBC NON-HVHZ

SCALE: 3/8" = 1'-0"

0 1'-4" 2'-8" 5'-4"
ELEVATION E2
TYPICAL SSG MULLION

NOTES:
DESIGN PRESSURE = +35/-35 PSF
FBC NON-HVHZ
CONCRETE SUBSTRATE ANCHOR LOCATIONS

PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
   A. 3000 PSI CONCRETE
   B. STEEL, 18 GA. MIN.
   C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
2. FIRST ANCHOR IS 2" FROM EDGE
   OF VERTICAL, EACH ADDITIONAL
   FASTENER IS AT REQUIRED MIN. SPACING.

HEAD
3/8" X 3" LARGE DIAMETER TAPCON
W/ 2" MIN. EMBEDMENT Ø
CONCRETE, MIN. 4" SPACING,
3" MIN. EDGE DISTANCE

JAMB
3/8" X 3" LARGE DIAMETER TAPCON
W/ 2" MIN. EMBEDMENT Ø
CONCRETE, MIN. 4" SPACING,
3" MIN. EDGE DISTANCE
• JAMB ANCHORS MAY BE OMITTED FOR
  UNREINFORCED JAMBS OF 10'-0" OR
  LESS OR FOR REINFORCED JAMBS

STILL
3/8" X 3" LARGE DIAMETER TAPCON
W/ 2" MIN. EMBEDMENT Ø
CONCRETE, MIN. 4" SPACING,
3" MIN. EDGE DISTANCE

THRESHOLD
(4) EA. 1/4" X 2 1/2" TAPCON
Ø CONCRETE, WITH 1 3/4" MIN.
EMBEDMENT, LOCATIONS AS SHOWN

SCALE: 3/8"=1'-0"
STEEL SUBSTRATE ANCHOR LOCATIONS

PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
   A. 3000 PSI CONCRETE
   B. STEEL, 18 GA. MIN.
   C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
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 @ STEEL
OR 1/4" TEK SCREWS SEE
LOCATIONS ON SHEET 10

JAMB
3/8"-16 X 2 3/4" HH BOLT
WITH WASHER AND NUT @ STEEL
* JAMB ANCHORS MAY BE OMITTED FOR
   UNREINFORCED JAMBS OF 10'-0" OR
   LESS OR FOR REINFORCED JAMBS

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

THRESHOLD
(4) EA. 1/4"-14 X 1-1/2"
TEK 3 FH P SCREW
LOCATIONS AS SHOWN

SEE SHEET 8 OF 14 FOR
CONCRETE ATTACHMENT
PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
   A. 3000 PSI CONCRETE
   B. STEEL, 18 GA. MIN.
   C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
2. FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.

HEAD

1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

JAMB

1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

* JAMBS ANCHORS MAY BE OMITTED FOR UNREINFORCED JAMBS OF 12'-0" OR LESS OR FOR REINFORCED JAMBS

SILL

1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

SEE SHEET 8 OF 14 FOR CONCRETE ATTACHMENT

STEEL STUD SUBSTRATE ANCHOR LOCATIONS

SCALE: 3/8"=1'-0"

0 1'-4" 2'-8" 5'-4"
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>A</td>
<td>1/4&quot; TEMPERED GLASS, 1/2&quot; AIR SPACE</td>
<td>VARIES</td>
<td>57 1/2&quot; x 96&quot;</td>
<td>38.3</td>
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<tr>
<td></td>
<td>1/4&quot; TEMPERED GLASS</td>
<td></td>
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HEAT

HORIZONTAL

SILL

JOAMB

VERTICAL

LOCATIONS FOR DOOR SUB-FRAME ATTACHMENT TO CURTAIN WALL ALUMINUM
# BILL OF MATERIALS

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>DIMENSIONS</th>
<th>MATERIAL</th>
<th>MANUFACTURER</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>1</td>
<td>NG10</td>
<td>GLAZING GASKET</td>
<td>0.561 x 0.350</td>
<td>EPDM</td>
<td>VARIES</td>
<td>USED ON EXT. AND INT.</td>
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<tr>
<td>2</td>
<td>NG11</td>
<td>PERIMETER GASKET</td>
<td>0.462 x 0.402</td>
<td>EPDM</td>
<td>VARIES</td>
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</tr>
<tr>
<td>3</td>
<td>SB251</td>
<td>SETTING BLOCK</td>
<td>0.437 x 1.498</td>
<td>EPDM</td>
<td>VARIES</td>
<td></td>
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<tr>
<td>4</td>
<td>795</td>
<td>JOINT/PERIMETER SEALANT</td>
<td>VARIABLE SPACE</td>
<td>SILICONE</td>
<td>DOW</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>PW1505</td>
<td>VERTICAL MULLION/JAMB</td>
<td>2.50 x 4.781 x 0.094</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>PW1555</td>
<td>HORIZONTAL MULLION</td>
<td>2.50 x 4.781 x 0.094</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>PW1515</td>
<td>VERTICAL MULLION</td>
<td>2.50 x 3.50 x 0.094</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>PW2025</td>
<td>SILL/HEAD/HORIZONTAL COVER</td>
<td>2.984 x 0.681 x 0.094</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>PW204</td>
<td>PRESSURE PLATE</td>
<td>2.427 x .433</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
<td></td>
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<tr>
<td>12</td>
<td>PW205</td>
<td>PRESSURE PLATE COVER</td>
<td>2.50 x .500</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>AS32</td>
<td>SCREW</td>
<td>#12 x 1-1/4&quot; HWH SELF DRILL</td>
<td>ZINC PLATED STEEL</td>
<td>VARIES</td>
<td>USED AT ALL PRESSURE PLATE LOCATIONS</td>
</tr>
<tr>
<td>14</td>
<td>AS53</td>
<td>HEX CAP BOLT SCREW</td>
<td>1/4-20 x 3-1/2&quot;</td>
<td>STAINLESS STEEL</td>
<td>VARIES</td>
<td>USED AT HORIZONTAL LOCATIONS</td>
</tr>
<tr>
<td>15</td>
<td>AS54</td>
<td>FLAT WASHER</td>
<td>1/4&quot;</td>
<td>STAINLESS STEEL</td>
<td>VARIES</td>
<td></td>
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<tr>
<td>16</td>
<td>AS55</td>
<td>LOCK NUT WITH NYLON INSERT</td>
<td>1/4&quot;-20</td>
<td>STAINLESS STEEL</td>
<td>VARIES</td>
<td></td>
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<tr>
<td>17</td>
<td>SR155</td>
<td>STEEL REINFORCEMENT</td>
<td>3&quot; x 1-7/8&quot; x 1/4&quot;</td>
<td>436 PRIMED</td>
<td>VARIES</td>
<td>USED AT VERTICALES AS REQUIRED</td>
</tr>
<tr>
<td>18</td>
<td>PW213</td>
<td>POCKET FILLER,</td>
<td>1/2&quot; x 1-1/4&quot; x 0.78&quot;</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
<td>USED AT JAMBS AS REQUIRED</td>
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<tr>
<td>19</td>
<td>AS16</td>
<td>HEX WASHER SCREW</td>
<td>#14 x 1&quot;</td>
<td>ZINC PLATED STEEL</td>
<td>VARIES</td>
<td>USED AT ALL HORIZONTAL JOINTS</td>
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<tr>
<td>20</td>
<td>NG14</td>
<td>SPACER GASKET</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>EPOD</td>
<td>VARIES</td>
<td>USED AT SSG MULLION</td>
</tr>
<tr>
<td>21</td>
<td>NG12</td>
<td>ISOlater GASKET</td>
<td>1/2&quot; x 3/16&quot;</td>
<td>EPOD</td>
<td>VARIES</td>
<td>USED AT PW204 AS ISOLATER</td>
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<tr>
<td>22</td>
<td>AS25</td>
<td>SELF DRILLING FASTENER</td>
<td>#12 x 3/4&quot; HWH #3</td>
<td>STEEL</td>
<td>VARIES</td>
<td>LOCATE 9&quot; O.C. (USED @ JAMB POCKET FILLER)</td>
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<tr>
<td>23</td>
<td>FL207</td>
<td>DOOR HEADER/TRANSOM BAR</td>
<td>1.75 x 4.50 x 0.85</td>
<td>6063-76 ALUMINUM</td>
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<tr>
<td>24</td>
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<td>FASTENER</td>
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<td>25</td>
<td>DS200-1</td>
<td>DOOR STOP</td>
<td>.500 x 1.019 x 0.50</td>
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<td>CORAL</td>
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<tr>
<td>26</td>
<td>PW214</td>
<td>DOOR SUBFRAME</td>
<td>1.00 x 4.00 x 0.80</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
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<tr>
<td>27</td>
<td>TH4</td>
<td>THRESHOLD</td>
<td>0.50 x 4.00 x .125</td>
<td>6063-76 ALUMINUM</td>
<td>CORAL</td>
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