<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PAGE(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURRIES Wind Resistant Product Test Methods</td>
<td>1</td>
</tr>
<tr>
<td>CURRIES Wind Resistant Product Order Requirements</td>
<td>2</td>
</tr>
<tr>
<td>CURRIES Severe Windstorm Product Specs.</td>
<td>3-6</td>
</tr>
<tr>
<td>Fire Rated Impact Glazing</td>
<td>7</td>
</tr>
<tr>
<td>Hurricane-Resistant Louvers</td>
<td>8</td>
</tr>
<tr>
<td>Weather Strip for Water Infiltration</td>
<td>9-10</td>
</tr>
<tr>
<td>StormPro 320 Door and Frame Assembly (T2)</td>
<td>11-12</td>
</tr>
<tr>
<td>StormPro 320 Door and Frame Assembly (T2) with Glass</td>
<td>13</td>
</tr>
<tr>
<td>StormPro 361 Door and Frame Construction with Surface Vertical Rod (T6)</td>
<td>14-15</td>
</tr>
<tr>
<td>StormPro 361 Door and Frame Construction with Multi-Point Lock (T6)</td>
<td>16-17</td>
</tr>
<tr>
<td>(Corbin Russwin FE6800, SARGENT FM7100, YALE 7380)</td>
<td></td>
</tr>
<tr>
<td>StormPro 361 Door and Frame Construction with Multi-Point Exit Device (T6)</td>
<td>18-19</td>
</tr>
<tr>
<td>StormPro 361 Door Construction Pair Surface Vertical Rod Without Mullion (T6)</td>
<td>20</td>
</tr>
<tr>
<td>StormPro 361 Frame Construction Pair Surface Vertical Rod Without Mullion (T6)</td>
<td>21</td>
</tr>
<tr>
<td>CURRIES StormPro 361 Shutter</td>
<td>22</td>
</tr>
<tr>
<td>StormPro 320 Frame Details (T2)</td>
<td>23</td>
</tr>
<tr>
<td>StormPro 320 Door and Frame Assembly (T2)</td>
<td>24</td>
</tr>
<tr>
<td>StormPro 320 Door and Frame Assembly with Glass (T2)</td>
<td>25</td>
</tr>
<tr>
<td>StormPro 361 Door and Frame Construction SARGENT FM8700 Exit</td>
<td>26-27</td>
</tr>
<tr>
<td>StormPro 361 Door and Frame Construction Corbin Russwin FE5400S Exit</td>
<td>28-29</td>
</tr>
<tr>
<td>StormPro 361 Door and Frame Construction with Multi-Point Lock (T6)</td>
<td>30-31</td>
</tr>
<tr>
<td>(Corbin Russwin FE6600, SARGENT FM7300)</td>
<td></td>
</tr>
<tr>
<td>CURRIES StormPro 361 Shutter</td>
<td>32</td>
</tr>
</tbody>
</table>
Introduction

CURRIES wind resistant products that have been successfully tested to several test methods.

These methods include:
1) High velocity hurricane zone (HVHZ) Test Protocols
   TAS-201 – Cyclic Wind Pressure Loading and Impact Test Procedure
   TAS-203 – Criteria for Testing Product Subject to Cyclic Wind Pressure Loading
3) ASTM E1886 – Test Method E1886 Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials.

Dade County Approved Products

Products that have been successfully tested to the TAS Protocols may be designated with an eight-digit acceptance number. The number can be found later in this section. A Dade County label must be affixed to the door and frame of Dade County Approved product, if required by the local jurisdiction. The Design Pressure represents the pressure used as the basis for testing the assemblies to the TAS protocols.

Florida Building Code Requirements

The Florida Building Code specifies that products must be tested to either the State of Florida TAS or ASTM test methods. Products installed in the Dade or Broward Counties, (also designated as the High Velocity Hurricane Zone (HVHZ) must be successfully tested to the TAS test protocols. The Florida Building Code also provides several methods for acceptance of products:

1) Certification testing to the ASTM or TAS test methods.
2) Third party certification - (UL, Warnock Hersey)
3) Dade County Product Approval
4) Engineering Evaluation
Order Requirements

Basic order requirements for each approved assembly are provided on the following pages. Further design information is available in individual CURRIES drawings. Drawings are entered in the drawing database under “Wind” in the product field.

General Order requirements include:
1) Product must be configured as defined on the attached pages to FBC requirements (including high velocity hurricane zone).
2) Single doors cannot be used as the active leaf of a pair, but the active leaf of a pair can be used as a single door.
3) Units smaller than the size tested may be used.
4) All fire resistance requirements must be met to apply a fire label.
5) Only the MARKAR WLV60 louver may be used for louvered doors.
6) Glazed Doors - Specific products must be used in glazed doors. See individual assemblies for products, requirements, and limitations.
   a) 1/4” thick Dade County clear polycarbonate installed with closed cell foam tape on both sides of the polycarbonate sheet. The polycarbonate tested was Hyzod brand by DSM Engineering Plastics Corporation. Type 1 vision light kits are used for the 1/4” polycarbonate.
   b) Nebula Glass Glasslam Plus 2 Laminated glass assembly installed with Dow Corning 995 structural silicone per the manufacturer’s instructions. Closed cell foam tape is used on both sides of the glass assembly. A Type 2 vision light kit with 5/8” pocket is required.

7) Product certified by a Dade County NOA must have a Dade County Florida acceptance label.
8) The customer specified pressure cannot be greater than the Design Pressure or for assemblies required to meet ASTM E1886. Impact speed is 50 feet per second.
9) For assemblies required to meet ASTM E330 only, the customer-supplied pressure cannot be greater than the Design Pressure.
10) Standard Weight or heavy weight 4-1/2” x 4-1/2” or 5” x 4-1/2” steel butt hinges and continuous hinges may be used where indicated.
11) Z astragals may not be used on any assemblies.
12) Transom panels must be 1-3/4” thick 707 or 747 panels.
13) Transom lights must be Glasslam Plus2 laminated glass assembly with closed cell foam tape. Pocket width is 5/8”. Must use 5/8” glass stop with UL screw spacing.
14) Anchors - Anchors are CURRIES locations unless otherwise specified.
15) Minimum Jamb Depth is 5-3/4” - Maximum jamb depth is 14” unless indicated otherwise. Frame must be fully supported by the wall.
## CURRIES Hurricane-Resistant Products

### Windstorm Certified Products Technical Data

**March, 2017**

<table>
<thead>
<tr>
<th>Design Pressure</th>
<th>Product</th>
<th>Maximum Size of Opening</th>
<th>Hardware</th>
<th>Door</th>
<th>Face Type or Frame Glazing</th>
<th>For Use in the HVHZ</th>
<th>FL Building Commission Approval Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>+/-150</td>
<td>Door (Component)</td>
<td>8'0&quot; x 8'0&quot;</td>
<td>Multi Point Lock</td>
<td>707</td>
<td>F, FV, FN, FN1, FN5, FN6, FN7, FN8, FN9</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-150</td>
<td>Frame (Component)</td>
<td>8'0&quot; x 8'0&quot;</td>
<td>Multi Point Lock</td>
<td>707</td>
<td>Surface Vertical Rod</td>
<td>N/A</td>
<td>Yes</td>
</tr>
<tr>
<td>+/-115</td>
<td>Door and Frame Component</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise Lock (latch bolt and dead bolt)</td>
<td>757</td>
<td>Flush</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-115</td>
<td>Door and Frame Component</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise Lock (latch bolt and dead bolt), Rim Exit</td>
<td>707, 727, or 747</td>
<td>Flush</td>
<td>Yes</td>
<td>FL8768</td>
</tr>
<tr>
<td>+/-100</td>
<td>Door and Frame Component</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Cylindrical, Mortise Lock (latch bolt and dead bolt), Rim Exit</td>
<td>707, 727, 747, 771, 777E, or 777E</td>
<td>Flush</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-100</td>
<td>Door and Frame Component</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Cylindrical, Mortise Lock (latch bolt and dead bolt)</td>
<td>757</td>
<td>Flush</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-100</td>
<td>Door and Frame Assembly</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Sargent 8200 (latch bolt and dead bolt)</td>
<td>707</td>
<td>Flush</td>
<td>Yes</td>
<td>FL8394</td>
</tr>
<tr>
<td>+/-85</td>
<td>Door and Frame Assembly</td>
<td>4'0&quot; x 7'0&quot;</td>
<td>Sargent 8200 with surface bolts</td>
<td>747</td>
<td>Flush</td>
<td>Yes</td>
<td>None</td>
</tr>
<tr>
<td>+/-85</td>
<td>Door and Frame Assembly</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Sargent 6500</td>
<td>707</td>
<td>Flush</td>
<td>Yes</td>
<td>FL8394, FL6705</td>
</tr>
<tr>
<td>+/-80</td>
<td>Door and Frame Assembly</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Sargent 8900</td>
<td>707</td>
<td>Flush</td>
<td>Yes</td>
<td>FL8394</td>
</tr>
<tr>
<td>+/-80</td>
<td>FRP Door and Aluminum Frame Assembly</td>
<td>6'8&quot; x 7'2&quot;</td>
<td>Sargent HC8800 rim exit with Sargent HCL980 mullion static load only (no impact)</td>
<td>907</td>
<td>Visible lites up to 26-3/4&quot;x33-1/4&quot;</td>
<td>No</td>
<td>FL17757</td>
</tr>
<tr>
<td>+/-75</td>
<td>Door and Frame Assembly</td>
<td>8'0&quot; x 8&quot;</td>
<td>Sargent HC8700 Sargent 8200 with surface bolts on both leafs</td>
<td>747</td>
<td>Flush</td>
<td>Yes</td>
<td>None</td>
</tr>
<tr>
<td>+/-72</td>
<td>Door and Frame Assembly</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Sargent 8200 / Sargent 10 line</td>
<td>707</td>
<td>Up to HG (24 x 32)</td>
<td>Yes</td>
<td>FL8394</td>
</tr>
<tr>
<td>+/-70</td>
<td>Door and Frame Component</td>
<td>6'0&quot; x 7'0&quot;</td>
<td>Mortise Lock (latch bolt and dead bolt) active,</td>
<td>777, 777E</td>
<td>Flush</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-70</td>
<td>Door (Component)</td>
<td>8'0&quot; x 8'0&quot;</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt) active,</td>
<td>707, 727, or 747</td>
<td>Up to HG (32 x 42)</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-70</td>
<td>Door (Component)</td>
<td>8'0&quot; x 8'0&quot;</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt) active,</td>
<td>707, 727, or 747</td>
<td>Up to HG (32 x 42)</td>
<td>Yes</td>
<td>FL8768</td>
</tr>
<tr>
<td>+/-70</td>
<td>Frame (Component)</td>
<td>8'0&quot; x 8'0&quot;</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt) active,</td>
<td>N/A</td>
<td>Flush</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-70</td>
<td>Frame (Component)</td>
<td>8'0&quot; x 8'0&quot;</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt) active,</td>
<td>N/A</td>
<td>Surface Vertical Rod</td>
<td>Yes</td>
<td>FL8768</td>
</tr>
<tr>
<td>+/-70</td>
<td>Door (Component)</td>
<td>4'0&quot; x 8'0&quot;</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt &amp; dead bolt), Rim Exit,</td>
<td>707, 727, or 747</td>
<td>Up to HG (32 x 42)</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-70</td>
<td>Door (Component)</td>
<td>4'0&quot; x 8'0&quot;</td>
<td>Cylindrical Lock, Mortise Lock (latch bolt &amp; dead bolt) Active,</td>
<td>777, 777E</td>
<td>Flush</td>
<td>Yes</td>
<td>FL8553, FL10723</td>
</tr>
<tr>
<td>+/-70</td>
<td>Frame (Component)</td>
<td>4'0&quot; x 8'0&quot;</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt),</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-70</td>
<td>Door (Component)</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise lock (latch bolt &amp; dead bolt), Cylindrical lock and Deadbolt,</td>
<td>607, 707, 727, or 747</td>
<td>Up to HG (32 x 42)</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-70</td>
<td>Door (Component)</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise lock (latch bolt &amp; dead bolt), Cylindrical lock and Deadbolt,</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>FL8768</td>
</tr>
<tr>
<td>+/-70</td>
<td>Frame: ReadySet Frame (Component)</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise lock (latch bolt &amp; dead bolt), Cylindrical lock and Deadbolt,</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>FL8768</td>
</tr>
<tr>
<td>+/-70</td>
<td>FRP Door and Aluminum Frame Assembly</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise Lock: Sargent 7800, 8200, or R8200 Series with Optional Deadbolt, Rim Exit Device: Adams Rite 6700 Series</td>
<td>907</td>
<td>Flush</td>
<td>No</td>
<td>FL17757</td>
</tr>
</tbody>
</table>

**NOTE:** Doors, frame, and hardware certified to: TAS 201, 202, 203, ASTM E330, E1886, E1996, ANSI A250.13 except where noted.

1) Products approved for use inside and outside high velocity Hurricane Zone (HVHZ). See Hurricane-Resistant Guide on website. www.curries.com
<table>
<thead>
<tr>
<th>Design Pressure</th>
<th>Product</th>
<th>Maximum Size of Opening</th>
<th>Hardware</th>
<th>Door</th>
<th>Face Type or Frame Glazing</th>
<th>For Use in the HVHZ</th>
<th>FL Building Commission Approval Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>+/-62</td>
<td>Door and Frame Assembly</td>
<td>8'0&quot; x 8'0&quot;</td>
<td>Sargent HC8700</td>
<td>747</td>
<td>Flush</td>
<td>Yes</td>
<td>FL8394</td>
</tr>
<tr>
<td>+/-60</td>
<td>FRP Door and Aluminum Frame Assembly</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Cylindrical Locks: Sargent 11 Series, Corbin Russwin CL3100</td>
<td>907</td>
<td>Flush</td>
<td>No</td>
<td>FL17757</td>
</tr>
<tr>
<td>+/-60</td>
<td>Door and Frame Assembly</td>
<td>6'0&quot; x 7'0&quot;</td>
<td>Sargent 8200 (latch bolt and deadbolt)</td>
<td>707</td>
<td>F</td>
<td>Yes</td>
<td>FL8394</td>
</tr>
<tr>
<td>+/-60</td>
<td>Door (Component)</td>
<td>6'0&quot; x 8'0&quot;</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt) active, Surface bolts inactive, Rim Exit, Surface Vertical Rod</td>
<td>707, 727 or 747</td>
<td>Up to FG (24 x 66)</td>
<td>Up to FL (24 x 78)</td>
<td>Yes</td>
</tr>
<tr>
<td>+/-60</td>
<td>Frame With/Without Transom (Component)</td>
<td>Frame 6'0&quot; x 8'0&quot; or Transom Frame</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt active), Surface bolts inactive, Rim Exit, Surface Vertical Rod</td>
<td>N/A</td>
<td>Glasslam Laminated Glass; 707 or 747 panels</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-60</td>
<td>Door (Component)</td>
<td>3'0&quot; x 8'0&quot;</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt), Rim Exit, Surface Vertical Rod</td>
<td>707, 727 or 747</td>
<td>Up to FG (24 x 66)</td>
<td>Up to FL (24 x 78)</td>
<td>Yes</td>
</tr>
<tr>
<td>+/-60</td>
<td>Frame With/Without Transom (Component)</td>
<td>Frame 3'0&quot; x 8'0&quot; or Transom Frame</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt and dead bolt), Rim Exit, Surface Vertical Rod</td>
<td>N/A</td>
<td>Glasslam Laminated Glass; 707 or 747 panels</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-60</td>
<td>Door (Component)</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Concealed Vertical Rod, Rim Exit, Surface Vertical Rod</td>
<td>607, 707, 727 or 747</td>
<td>Up to FG (24 x 66)</td>
<td>Up to FL (24 x 78)</td>
<td>Yes</td>
</tr>
<tr>
<td>+/-60</td>
<td>Door (Component)</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise lock, Cylindrical lock, Interconnected Lock</td>
<td>607, 707, 727 or 747</td>
<td>Up to FG (24 x 66)</td>
<td>Up to FL (24 x 78)</td>
<td>Yes</td>
</tr>
<tr>
<td>+/-60</td>
<td>Door (Component)</td>
<td>6'0&quot; x 7'0&quot;</td>
<td>Rim Exit</td>
<td>607, 707, 727 or 747</td>
<td>Up to FG</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-60</td>
<td>Frame (Component) ReadySet</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Cylindrical lock, Mortise Lock</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-60</td>
<td>Frame (Component)</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Cylindrical lock, Mortise Lock</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-60</td>
<td>Frame (Component)</td>
<td>Max Door Size: 3'0&quot; x 7'0&quot;</td>
<td>Sidelight: 4'0&quot; x 7'0&quot;</td>
<td>Concealed Vertical Rod, Cylindrical lock, Mortise Lock, Rim Exit, Surface Vertical Rod</td>
<td>N/A</td>
<td>Glasslam Laminated Glass; 707 or 747 panels</td>
<td>Yes</td>
</tr>
<tr>
<td>+/-60</td>
<td>Frame (Component)</td>
<td>Transom: 3'0&quot; x 10'2&quot;</td>
<td>Concealed Vertical Rod, Cylindrical lock, Mortise Lock, Rim Exit, Surface Vertical Rod</td>
<td>N/A</td>
<td>Glasslam Laminated Glass; 707 or 747 panels</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-60</td>
<td>Store Front</td>
<td>Frame: 10'0&quot; height</td>
<td>N/A</td>
<td>N/A</td>
<td>Glasslam Laminated Glass</td>
<td>Yes</td>
<td>FL9004</td>
</tr>
<tr>
<td>+/-57.2</td>
<td>Door and Frame Assembly</td>
<td>4'0&quot; x 7'0&quot;</td>
<td>Sargent HC8800</td>
<td>747</td>
<td>F</td>
<td>Yes</td>
<td>FL8394</td>
</tr>
<tr>
<td>+/-50</td>
<td>Door and Frame Assembly</td>
<td>8'0&quot; x 8'0&quot;</td>
<td>Sargent 10 line or 6500 Series with 480 deadbolt, 988 surface bolts both leaves</td>
<td>707</td>
<td>FGL up to 32&quot; x 74&quot;</td>
<td>Yes</td>
<td>FL8394</td>
</tr>
<tr>
<td>+/-50</td>
<td>Door Component</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise Lock, Cylindrical Lock and Rim Exit</td>
<td>607 or 707</td>
<td>F</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
<tr>
<td>+/-50</td>
<td>Frame Component</td>
<td>3'0&quot; x 7'0&quot;</td>
<td>Mortise Lock, Cylindrical Lock and Rim Exit</td>
<td>607 or 707</td>
<td>N/A</td>
<td>Yes</td>
<td>FL11537</td>
</tr>
</tbody>
</table>

**NOTE:** Doors, frame, and hardware certified to: TAS 201, 202, 203, ASTM E330, E1886, E1996, ANSI A250.13 except where noted.

1) Products approved for use inside and outside high velocity Hurricane Zone (HVHZ). See Hurricane-Resistant Guide on website. www.curries.com
## ICC 500-2008

<table>
<thead>
<tr>
<th>Static Test Pressure</th>
<th>Static Design Pressure</th>
<th>Impact</th>
<th>Product</th>
<th>Maximum Size of Opening</th>
<th>Hardware</th>
<th>Door</th>
<th>Face Type</th>
<th>Certification Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>+/- 296</td>
<td>+/- 246</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>StormPro Door and Frame Assembly</td>
<td>4’0” x 8’0” Single or 8’0” x 8’0” Pair</td>
<td>Multi Point Lock (Corbin FE6600, Sargent FM7100, Yale 7360(F)) or single 988CR, 988, 988Y inactive</td>
<td>StormPro 361</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>+ 296 - 270</td>
<td>+ 246 - 225</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>StormPro Door and Frame Assembly</td>
<td>4’0” x 8’0” Single or 8’0” x 8’0” Pair</td>
<td>Sargent FM8700 or Sargent HC980 Mullion Optional</td>
<td>StormPro 361</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>+/- 197</td>
<td>+/- 146</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>Door and Frame Assembly</td>
<td>3’0” x 7’0”</td>
<td>Sargent 10 line; Three Medeco Maxim Dead Bolts</td>
<td>StormPro 320</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>+/- 252</td>
<td>+/- 210</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>Door and Frame Shutter Assembly</td>
<td>4’0” x 6’8”</td>
<td>Corbin Russwin FE 6700, Sargent FM 6100, Yale 7370(F)</td>
<td>StormPro Shutter</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>+/- 296</td>
<td>+/- 246</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>StormPro Door and Frame Assembly</td>
<td>4’0” x 8’0” Single or 8’0” x 8’0” Pair</td>
<td>Corbin Russwin FE5400S Multi Point Exit</td>
<td>StormPro 361</td>
<td>F</td>
<td>UL</td>
</tr>
</tbody>
</table>

## ICC 500-2014

<table>
<thead>
<tr>
<th>Static Test Pressure</th>
<th>Static Design Pressure</th>
<th>Impact</th>
<th>Product</th>
<th>Maximum Size of Opening</th>
<th>Hardware</th>
<th>Door</th>
<th>Face Type</th>
<th>Certification Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>+/- 302</td>
<td>+/- 252</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>StormPro Door and Frame Assembly</td>
<td>3’0” x 7’0” to 4’0” x 8’0” Single or 6’0” x 7’0” to 8’0” Pair</td>
<td>FE 6600 Multi-Point Lock (Corbin FE 6600, Sargent FM 7300) or single 988CR, 988, 988Y inactive</td>
<td>StormPro 361</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>3070 to 6079</td>
<td>+ 284</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>StormPro Door and Frame Assembly</td>
<td>3’0” x 7’0” to 4’0” x 8’0” Single or 6’0” x 7’0” to 8’0” x 8’0” Pair</td>
<td>Sargent FM8700</td>
<td>StormPro 361</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>+ 284</td>
<td>+ 340, + 3070 to 6079</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>Door and Frame Shutter Assembly</td>
<td>3’6” x 3’6” to 4’0” x 6’8”</td>
<td>Corbin Russwin FE 6700, Sargent FM 6100</td>
<td>StormPro 361</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>+/- 340</td>
<td>+/- 284</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>StormPro Door and Frame Assembly</td>
<td>3’0” x 7’0” to 4’0” x 8’0” Single or 6’0” x 7’0” to 8’0” x 8’0” Pair</td>
<td>Multi Point Exit</td>
<td>StormPro 361</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>+/- 340</td>
<td>+/- 284</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>StormPro Door and Frame Assembly</td>
<td>3’0” x 7’0” to 4’0” x 6’8”</td>
<td>Multi Point Exit Corbin Russwin FE5400S Corbin 7075 or 708A Mullion Required for Pairs</td>
<td>StormPro 361</td>
<td>F</td>
<td>UL</td>
</tr>
<tr>
<td>+/- 305</td>
<td>+/- 254</td>
<td>15 lb 2 x 4 @ 100 mph</td>
<td>StormPro Door and Frame Assembly</td>
<td>3’0” x 6’8” to 3’0” x 7’0”</td>
<td>SARGENT 10 Line 3 Medeco Maxim Dead Bolts</td>
<td>StormPro 320</td>
<td>F or FV</td>
<td>UL</td>
</tr>
</tbody>
</table>
### CURRIES Products That Meet FEMA 361

**Windstorm Certified Products Technical Data**

*July, 2017*

---

**Fire Rated Impact Glazing**

<table>
<thead>
<tr>
<th>Design Pressure</th>
<th>Product</th>
<th>Maximum Size of Opening</th>
<th>Hardware</th>
<th>Door</th>
<th>Face Type or Frame Glazing</th>
<th>Certification Agency</th>
<th>Dade County Acceptance Number</th>
<th>Florida Building Commission Approval Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>+/- 70</td>
<td>Frame w/o Transom (Component)</td>
<td>3’0” x 8’0” single 6’0” x 8’0” pair</td>
<td>Concealed Vertical Rod, Mortise Lock (latch bolt &amp; dead bolt active: Surface bolts inactive), Rim Exit, Surface Vertical Rod</td>
<td>N/A</td>
<td>Vetrotech Fire/Hurricane Impact Rated Glass</td>
<td>WHI</td>
<td>None</td>
<td>FL12537</td>
</tr>
</tbody>
</table>

| +/- 70          | Window Frame | Maximum 13’0” x 8’0” in masonry 12’0” x 8’0” in stud walls | Concealed Vertical Rod, Mortise Lock (latch bolt & dead bolt active: Surface bolts inactive), Rim Exit, Surface Vertical Rod | N/A | Vetrotech Fire/Hurricane Impact Rated Glass | WHI | None | FL12537 |

**NOTE:** 70 psf transom sidelight frame may be fire rated up to and including 90 minutes. Use Vetrotech SGG Swissflam 45 IGU HI for 45 minute rated frames. Vetrotech SGG Contraflam 60 IGU HI for 60 minutes rated frames, and Vetrotech SGG Contraflam 90 IGU HI for 90 minute rated frames.

Doors rated at 70 psf and less may be fire rated up to and including 90 minutes using Vetrotech SGG Keralite FR-Ultra IGU HI. Maximum size 23” x 53”
# Fire Rated Impact Glass Products

## Windstorm Certified Products Technical Data

September, 2010

<table>
<thead>
<tr>
<th>DESIGN PRESSURE +/- 70 psf</th>
<th>IMPACT MISSILE LEVEL - D</th>
<th>90 MINUTE MAXIMUM RATING</th>
<th>CLEAR GLASS ONLY</th>
</tr>
</thead>
</table>

## Maximum Frame Sizes

<table>
<thead>
<tr>
<th>Masonry</th>
<th>Maximum Overall Transom Frame Size</th>
<th>Maximum Overall Sidelight Frame Size</th>
<th>Maximum Single Out-Swing Door Size</th>
<th>Maximum Single In-Swing Door Size</th>
<th>Maximum Pair of Out-Swing Doors Size</th>
<th>Maximum Side Light or Panel Opening Size</th>
<th>Maximum Visible Light - 45/60 Minute</th>
<th>Maximum Visible Light - 90 Minute</th>
<th>Maximum Transom Light or Panel Opening</th>
<th>Maximum Visible Light</th>
</tr>
</thead>
<tbody>
<tr>
<td>Masonry</td>
<td>13'6&quot; Width 100&quot; Height</td>
<td>13'6&quot; Width 100&quot; Height</td>
<td>36&quot; Width 96&quot; Height</td>
<td>36&quot; Width 84&quot; Height</td>
<td>72&quot; Width 96&quot; Height</td>
<td>36&quot; Width 94&quot; Height</td>
<td>34-3/4&quot; Width 92-3/4&quot; Height</td>
<td>34-3/4&quot; Width 88-9/16&quot; Height</td>
<td>72&quot; Width 14&quot; Height</td>
<td>70-3/4&quot; Width 30&quot; Height</td>
</tr>
<tr>
<td>Stud Construction</td>
<td>12'0&quot; Width 100&quot; Height</td>
<td>12'0&quot; Width 100&quot; Height</td>
<td>36&quot; Width 96&quot; Height</td>
<td>36&quot; Width 84&quot; Height</td>
<td>72&quot; Width 96&quot; Height</td>
<td>36&quot; Width 94&quot; Height</td>
<td>34-3/4&quot; Width 92-3/4&quot; Height</td>
<td>34-3/4&quot; Width 88-9/16&quot; Height</td>
<td>72&quot; Width 14&quot; Height</td>
<td>70-3/4&quot; Width 30&quot; Height</td>
</tr>
</tbody>
</table>

## Wall Construction

**Building Structure**
- Allowed in Masonry, Steel Stud, Wood Stud, Walls, or Steel

## Frame Construction

- 16 Gauge Steel Frame with Reinforcements and Welded Corner Construction

## Frame Dimensions

<table>
<thead>
<tr>
<th>Jamb and Mullion Depth</th>
<th>Minimum - 5-3/4&quot;</th>
<th>Maximum - 14&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jamb Faces</td>
<td>2&quot;</td>
<td></td>
</tr>
<tr>
<td>Head and Mullion Faces</td>
<td>Minimum - 2&quot;</td>
<td>Maximum - 4&quot;</td>
</tr>
<tr>
<td>Soffit</td>
<td>Minimum - 1&quot;</td>
<td></td>
</tr>
<tr>
<td>Rabbit (Door Side)</td>
<td>Minimum - 1-15/16&quot;</td>
<td></td>
</tr>
<tr>
<td>Rabbit (Door Side)</td>
<td>1-5/16&quot; thickness - 45 minute rated glass - Recommend 2-1/8&quot; (2.125) rabbit</td>
<td></td>
</tr>
<tr>
<td>Rabbit (Door Side)</td>
<td>1-9/16&quot; thickness - 60 minute rated glass - Recommend 2-3/8&quot; (2.375) rabbit</td>
<td></td>
</tr>
<tr>
<td>Rabbit (Door Side)</td>
<td>1-7/8&quot; thickness - 90 minute rated glass - Recommend 2-11/16&quot; (2.6875) rabbit</td>
<td></td>
</tr>
<tr>
<td>Stop Height (Door stop and glazing)</td>
<td>Minimum - 5/8&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## Removable Stops

- Material - Cold Rolled, Galvanized, Galvannealed, or Stainless Steel
- 18 Gauge Steel
- Stop Depth - Minimum 5/8"
- Fasteners - #8x 1-1/2" Oval Head Tek Screws. Located 2" from End and 12" on center maximum

## Anchors

- Masonry "T", Pipe Spacer, Wire Anchor, Welded EWA, Wood Stud, or Steel Stud Anchors

## Door

- Hurricane-Resistant Listed and Fire Rated 707, 727, or 747
- Maximum Visible Light in Door 23" Width, 53" Height
- Type 8 Window Kit Only, 1-5/8" Pocket

## Hardware Restrictions

- Hardware Restricted to Windstorm Listed Products
Hurricane-Resistant Louvers
Windstorm Technical Data

October, 2012

DESIGN PRESSURE +/- 70 PSF
IMPACT MISSILE LEVEL - D 350 FT/LBS
NON FIRE RATED

LOUVER NOTES:

- CAN ONLY BE USED IN CURRIES 707 OR 747 DOOR CONSTRUCTION.
- ONLY CURRIES WL60 LOUVER CAN BE USED.
- LOUVER INCLUDES GALVANIZED MATERIAL AND SECURITY SCREEN.
- 20 GAUGE SURROUND CHANNEL MUST BE INSTALL ON PERIMETER OF LOUVER CUTOUT.
- MUST BE FACTORY INSTALL OR BY A UL OR WARNock WINDSTORM SECOND LOCATION.
- CAN BE USED WITH ANY HURRICANE-RESISTANT APPROVED HARDWARE.
- A 6” MINIMUM DIMENSION FORM STILE OR RAIL IS REQUIRED.
- BUG SCREEN IS OPTIONAL.
- FREE AIR FLOW = 40%

SIZES:

3070 DOOR – 12” MINIMUM, 24” MAXIMUM WIDTH
12” MINIMUM, 72” MAXIMUM HEIGHT

3080 DOOR – 12” MINIMUM, 24” MAXIMUM WIDTH
12” MINIMUM, 78” MAXIMUM HEIGHT

4080 DOOR – 12” MINIMUM, 34” MAXIMUM WIDTH
12” MINIMUM, 78” MAXIMUM HEIGHT
Weather Strip for Water Infiltration Single Door
Per ASTM 331/TAS 202 Design Pressure 50 PSF
Windstorm Certified Products Technical Data

November, 2016

12" LONG PIECE OF P381 APPLIED ON THE STOP OF THE LOCK JAMB STARTING AT THE THRESHOLD. REMAINDER OF JAMB IS P385.

SINGLE DOOR

12" LONG PIECE OF P381 APPLIED ON THE STOP OF THE THRESHOLD STARTING AT THE LOCK JAMB. REMAINDER OF THRESHOLD IS P385.
Weather Strip for Water Infiltration Single Door
Per ASTM 331/TAS 202 Design Pressure 60 PSF

Windstorm Certified Products Technical Data

November, 2016
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 252 PSF
- MEETS REQUIREMENTS OF ICC500-2014 AND FEMA P320/P361
- SINGLE OPENING 3'0" X 6'8" OR 3'0" X 7'0" ONLY
- MASONRY PROFILE 14 GAUGE STEEL
- KD OR SEAM WELDED CORNERS
- JAMB DEPTHS 5-3/4" THROUGH 14"
- 4" FACE HEAD OPTION

HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2" X 4-1/2" X .180" McKinney Heavy Weight SP3786
26D Finish Hinges

(1) Sargent 10 Line Lock 26D Finish
(3) Medeco Maxum Deadbolts 26D Finish Keyed Alike
(3) Sargent 78-0034 Strikes for Medeco Dead Bolts

3/8" X 6" Powers Lock Bolt as provided when Weld Pipe Spacer Anchors are ordered.
StormPro 320 Door and Frame Assembly (T2)

Windstorm Certified Products Technical Data

July, 2017

ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 252 PSF

- MEETS REQUIREMENTS OF ICC500-2014 AND FEMA P320/P361
- FLUSH DOORS, HANDED "A" BEVEL
- SINGLE OPENING 3'0" X 6'8" OR 3'0" X 7'0" ONLY
- 747 SERIES 14 GAUGE STEEL
- T WELDED SEAMLESS EDGES
- WELDED FLUSH TOP CAP

HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2" X 4-1/2" X .180" McKinney Heavy Weight SP3786 26D FINISH HINGES
(1) SARGENT 10 LINE CYLINDRICAL LOCK 26D FINISH
(3) MEDECO MAXUM DEADBOLTS 26D FINISH KEYED ALIKE
(3) SARGENT 78-0034 STRIKES FOR MEDECO DEAD BOLTS

ASSA ABLOY, the global leader in door opening solutions
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 252 PSF

- MEETS REQUIREMENTS OF ICC500-2014 AND FEMA P320/P361
- 10" X 10" FV ONLY
- HANDED “A” BEVEL
- SINGLE OPENING 3’0” X 6’8” OR 3’0” X 7’0” ONLY
- 747 SERIES 14 GAUGE STEEL
- T WELDED SEAMLESS EDGES
- WELDED FLUSH TOP CAP

HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2" X 4-1/2" X .180" McKINNEY HEAVY WEIGHT SP3786 26D FINISH HINGES
(1) SARGENT 10 LINE LOCK 26D FINISH
(3) MEDECO MAXUM DEADBOLTS 26D FINISH KEYED ALIKE
(3) SARGENT 78-0034 STRIKES FOR MEDECO DEAD BOLTS
StormPro 361® Door Construction (T6)
Windstorm Certified Products Technical Data

March, 2016

ONLY AVAILABLE WITH SDI HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 297 PSF)
STATIC DESIGN PRESSURE (+/- 246 PSF)
FOR USE WITH SARGENT FM8700 SURFACE VERTICAL ROD EXIT DEVICE
MEETS FEMA P361 (AUGUST 2008) AND ICC 500-2008 STANDARD

Hinges:
4-1/2" X 4-1/2" HEAVYWEIGHT *
5" X 4-1/2" HEAVYWEIGHT *
MARKAR HG305
MCKINNEY MCK-305

* STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

14 GA. (1.9) FACE SKINS GALVANNEALED

SQUARE HINGE EDGE
BEVEL 1/8" IN 2" ON LOCK EDGE

OUT-SWING ONLY

MINIMUM SIZE:
2'8" X 6'8"
5'4" X 6'8"

MAXIMUM SIZE:
4'0" X 8'0" SINGLE *
8'0" X 8'0" PAIRS

* FIRE RATED SINGLE REQUIRES FIRE PINS IN LOCK EDGE OF DOOR.

12 GA. (2.4) END CHANNEL

STEEL STIFFENED, POLYSTYRENE AND POLYURETHANE CORE ALSO AVAILABLE
CAN BE FIRE RATED TO 180 MINUTES

ONLY AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
YALE 4400

CONTINUOUSLY WELDED SEAMLESS EDGE
1-3/4" THICK

+ SARGENT HC980 MULLION IS REQUIRED ON PAIRS WITH 747 DOORS

12 GA. (2.4) BOTTOM END CHANNEL

5/8" (15.8) BOTTOM UNDERCUT

ASSA ABLOY, the global leader in door opening solutions
ASSA ABLOY, the global leader in door opening solutions

December, 2012

StormPro 361® Frame Construction (T6)
Windstorm Certified Products Technical Data

ONLY AVAILABLE WITH SDI HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 297 PSF)
STATIC DESIGN PRESSURE (+/- 246 PSF)
FOR USE WITH THE SARGENT FM8700 SURFACE VERTICAL ROD EXIT DEVICE
CORBIN RUSSWIN FE 5400S+ AND YALE 7180 (F) TD+ MULTI-POINT EXIT DEVICE
SARGENT HC 980 HARDWARE MULLION REQUIRED ON PAIRS WITH SARGENT FM 8700
MEETS FEMA P361 (AUGUST 2008) AND ICC 500-2008 STANDARD

FRAMES ARE 14 GAUGE (1.9) A60, KD OR FACE WELDED CORNER CONSTRUCTION

HINGES:
4-1/2" X 4-1/2" HEAVYWEIGHT +
5" X 4-1/2" HEAVYWEIGHT +
MARKAR HG305
MCKINNEY MCK-305
+ STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

CAN BE FIRE RATED UP TO 180 MINUTES

JAMB ANCHOR OPTIONS:
MASONRY - "T" ANCHORS
MASONRY - WIRE ANCHORS
WELDED EXISTING OPENING PREPS WITH BOLTS
6 WALL ANCHORS PER JAMB > 7’0” to 8’0”
5 WALL ANCHORS PER JAMB ≤ 7’0”

WELDED WPS OR WEMA ANCHORS.
WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY.
MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS OR
WEMA ANCHORS ARE ORDERED.
2 WPS OR WEWA ANCHORS PER HEAD UP TO 3’0”
3 WPS OR WEWA ANCHORS PER HEAD OVER 3’0” TO 4’0”
4 WPS OR WEMA ANCHORS PER HEAD ON PAIRS 6’0” AND SMALLER
5 WPS OR WEMA ANCHOR PER HEAD ON PAIRS OVER 6’0” AND UP TO 8’0”
WPS OR WEMA ANCHORS REQUIRED IN HEAD REGARDLESS OF TYPE OF
JAMB ANCHOR USED.
ANCHOR BOLTS INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED

FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES.
WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND
CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).

+ REQUIRES CORBIN RUSSWIN FE708A
OR YALE M200 (F)WS HARDWARE
MULLION ON PAIRS OF DOORS
StormPro 361® Door Construction
Windstorm Certified Products Technical Data

March, 2016

ONLY AVAILABLE WITH SDI HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 297 PSF)
STATIC DESIGN PRESSURE (+/- 246 PSF)
FOR USE WITH CORBIN RUSSWIN FE6800, SARGENT FM7100, OR YALE 7380 (F) MULTI-POINT LOCK.

Hinges:
- 4-1/2” X 4-1/2” HEAVYWEIGHT *
- 5” X 4-1/2” HEAVYWEIGHT *
- MARKAR HG305
- MCKINNEY MCK-305

* STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

Inswing or Outswing

14 GA. (1.9) Face skins galvannealed

Square hinge edge bevel 1/8" in 2" on lock edge

Minimum size:
- 2’6” X 6’8”
- 5’0” X 6’8”

Maximum size:
- 4’0” X 8’0” single
- 8’0” X 8’0” pairs *

* CORBIN RUSSWIN 988CR, SARGENT 988, OR YALE 988B surface bolts used on the inactive leaf of pair of doors have to be installed on shelter side of door. 10 GA. (3.4) astragal required.

12 GA. (2.4) closer reinforcement

12 GA. (2.4) end channel

Steel stiffened. Polystyrene and polyurethane also available.

Can be fire rated up to 180 minutes.

Only available door closers:
- CORBIN RUSSWIN DC8000
- NORTON 7500
- SARGENT 281
- YALE 4400

Only available with SDI hinge locations

Continuous welded seamless edge

1-3/4" thick

NOTE: Maximum clearance between bottom of door and top of strike or floor is 1/4"

Bottom undercut (see note)

ASSA ABLOY, the global leader in door opening solutions
StormPro 361® Frame Construction (T6)
Windstorm Certified Products Technical Data
February, 2013

**ONLY AVAILABLE WITH SDI HINGE LOCATIONS**

**STORMPRO 361 DOOR AND FRAME ASSEMBLY**

**STATIC TEST PRESSURE (+/- 297 PSF)**

**STATIC DESIGN PRESSURE (+/- 246 PSF)**

FOR USE WITH CORBIN RUSSWIN FE6800, SARGENT FM7100, OR YALE 7380 (F) MULTI-POINT LOCK.

MEETS FEMA P361 (AUGUST 2008) AND ICC 500-2008 STANDARD

**FRAMES ARE 14 GAUGE (1.9) A60, KD OR FACE**

**WELDED CORNER CONSTRUCTION**

**HINGES:**

- 4-1/2” X 4-1/2” HEAVYWEIGHT +
- 5” X 4-1/2” HEAVYWEIGHT +
- MARKAR HG305
- MCKINNEY MCK-305

- STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

**CAN BE FIRE RATED UP TO 180 MINUTES**

**JAMB ANCHOR OPTIONS:**

- MASONRY - “T” ANCHORS
- MASONRY - WIRE ANCHORS
- WELDED EXISTING OPENING PREPS WITH BOLTS

- 6 WALL ANCHORS PER JAMB > 7’0” to 8’4”
- 5 WALL ANCHORS PER JAMB ≤ 7’0”

**WELDED WPS OR WEMA ANCHORS.**

WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY.

MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED.

- 2 WPS OR WEMA ANCHORS PER HEAD UP TO 3’0”
- 3 WPS OR WEMA ANCHORS PER HEAD OVER 3’0” TO 4’0”
- 4 WPS OR WEMA ANCHORS PER HEAD ON PAIRS 6’0” AND SMALLER
- 5 WPS OR WEMA ANCHOR PER HEAD ON PAIRS OVER 6’0” AND UP TO 8’0”
- WPS OR WEMA ANCHORS REQUIRED IN HEAD REGARDLESS OF TYPE OF JAMB ANCHOR USED.

ANCHOR BOLTS INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED.

**FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES.**

WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).
StormPro 361® Door Construction
Windstorm Certified Products Technical Data
March, 2016

ONLY AVAILABLE WITH SDI HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 297 PSF)
STATIC DESIGN PRESSURE (+/- 246 PSF)
CORBIN RUSSWIN FE5400S+ AND YALE 7180 (F) WS+ MULTI-POINT EXIT DEVICE
MEETS FEMA P361 (AUGUST 2008) AND ICC 500-2008 STANDARD

Hinges:
4-1/2” X 4-1/2” HEAVYWEIGHT *
5” X 4-1/2” HEAVYWEIGHT *
MARKAR HG305
MCKINNEY MCK-305
* STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

14 GA. (1.9) FACE SKINS
GALVANNEALED

SQUARE HINGE EDGE
BEVEL 1/8” IN 2” ON LOCK EDGE

OUT-SWING ONLY

MINIMUM SIZE:
2'6” X 6'8”
5'0” X 8'0”

MAXIMUM SIZE:
4'0” X 8'0” SINGLE *
8'0” X 8'0” PAIRS

* FIRE RATED SINGLE REQUIRES FIRE PINS IN LOCK EDGE OF DOOR.

12 GA. (2.4) END CHANNEL

14 GA. (1.9)
CLOSER REINFORCEMENT

STEEL STIFFENED, POLYSTYRENE AND POLYURE-THANE CORE ALSO AVAILABLE

CAN BE FIRE RATED TO 180 MINUTES

ONLY AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
YALE 4400

CONTINUOUSLY WELDED SEAMLESS EDGE

1-3/4” THICK

+ REQUIRES CORBIN RUSSWIN FE708A OR YALE M200 FWS HARDWARE MULLION ON PAIRS OF DOORS

12 GA. (2.4)
BOTTOM END CHANNEL

5/8” (15.8) BOTTOM UNDERCUT

ASSA ABLOY, the global leader in door opening solutions
**StormPro 361® Frame Construction (T6)**

**Windstorm Certified Products Technical Data**

December, 2012

ONLY AVAILABLE WITH SDI HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 297 PSF)
STATIC DESIGN PRESSURE (+/- 246 PSF)
FOR USE WITH THE SARGENT FM8700 SURFACE VERTICAL ROD EXIT DEVICE
CORBIN RUSSWIN FE 5400S+ AND YALE 7180 (F) TD+ MULTI-POINT EXIT DEVICE
SARGENT HC 980 HARDWARE MULLION REQUIRED ON PAIRS WITH SARGENT FM 8700
MEETS FEMA P361 (AUGUST 2008) AND ICC 500-2008 STANDARD

FRAMES ARE 14 GAUGE (1.9) A60, KD OR FACE WELDED CORNER CONSTRUCTION

HINGES:
4-1/2" X 4-1/2" HEAVYWEIGHT +
5" X 4-1/2" HEAVYWEIGHT +
MARKAR HG305
MCKINNEY MCK-305

+ STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

CAN BE FIRE RATED UP TO 180 MINUTES

JAMB ANCHOR OPTIONS:
MASONRY - "T" ANCHORS
MASONRY - WIRE ANCHORS
WELDED EXISTING OPENING PREPS WITH BOLTS

6 WALL ANCHORS PER JAMB > 7’0” to 8’0”
5 WALL ANCHORS PER JAMB ≤ 7’0”

WELDED WPS OR WEMA ANCHORS.
WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY.
MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED.

2 WPS OR WEGA ANCHORS PER HEAD UP TO 3’0”
3 WPS OR WEGA ANCHORS PER HEAD OVER 3’0” TO 4’0”
4 WPS OR WEMA ANCHORS PER HEAD ON PAIRS 6’0” AND SMALLER
5 WPS OR WEMA ANCHOR PER HEAD ON PAIRS OVER 6’0” AND UP TO 8’0”
WPS OR WEMA ANCHORS REQUIRED IN HEAD REGARDLESS OF TYPE OF JAMB ANCHOR USED.
ANCHOR BOLTS INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED

FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES.
WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).

ASSA ABLOY, the global leader in door opening solutions
StormPro 361® Door Construction
Windstorm Certified Products Technical Data

March, 2016

ONLY AVAILABLE WITH SDI HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+296 / -270 PSF)
STATIC DESIGN PRESSURE (+246 / -225 PSF)
FOR USE WITH SARGENT FM8700 SURFACE VERTICAL ROD EXIT DEVICE W/O MULLION
MEETS FEMA P361 (AUGUST 2008) AND ICC 500-2008 STANDARD

HINGES:
4-1/2” X 4-1/2” HEAVYWEIGHT *
5” X 4-1/2” HEAVYWEIGHT *
MARKAR HG305
MCKINNEY MCK-HG305
* STAINLESS HINGE OR STAINLESS
SCREWS (MCKINNEY SP 3386
OR SP 3786)

12 GA. (2.4) LINER
16 GA. (1.3) FACE SKINS
COLD ROLLED OR GALVANNEALED (A60)

SQUARE HINGE EDGE
BEVEL 1/8” IN 2” ON LOCK EDGE

OUT-SWING ONLY

MINIMUM SIZE:
2'8” X 6'8”
5'4” X 6'8”

MAXIMUM SIZE:
4'0” X 8'0” SINGLE *
8'0” X 8'0” PAIRS
(MUST BE EQUAL SIZE)

* FIRE RATED SINGLE
REQUIRES FIRE PINS
IN LOCK EDGE OF DOOR.

14 GA. (1.7)
CLOSER REINFORCEMENT
14 GA. (1.7) END CHANNEL WITH 14 GA. (1.7)
TOPCAP

POLYSTYRENE
CORE FOR NON-RATED
HONEYCOMB FOR FIRE RATED
CAN BE FIRE RATED TO 180 MINUTES

ONLY AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
YALE 4400

1-3/4” THICK

14 GA. (1.7)
BOTTOM
END CHANNEL

5/8” (15.9) MAXIMUM BOTTOM
UNDERCUT

ASSA ABLOY, the global leader in door opening solutions
**StormPro 361® Frame Construction (T6)**

**Windstorm Certified Products Technical Data**

November, 2014

**ONLY AVAILABLE WITH SDI HINGE LOCATIONS**

STORMPRO 361 DOOR AND FRAME ASSEMBLY

STATIC TEST PRESSURE (+296 / -270 PSF)

STATIC DESIGN PRESSURE (+246 / -225 PSF)

FOR USE WITH THE SARGENT FM8700 SURFACE VERTICAL ROD EXIT DEVICE WITHOUT MULLION

MEETS FEMA P361 (AUGUST 2008) AND ICC 500-2008 STANDARD

---

**FRAMES ARE 14 GAUGE (1.9) A60, KD OR FACE WELDED CORNER CONSTRUCTION**

**HINGES:**
- 4-1/2” X 4-1/2” HEAVYWEIGHT
- 5” X 4-1/2” HEAVYWEIGHT
- MARKAR HG305
- MCKINNEY MCK-305

*STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

CAN BE FIRE RATED UP TO 180 MINUTES

**JAMB ANCHOR OPTIONS:**
- MASONRY - “T” ANCHORS
- MASONRY - WIRE ANCHORS
- WELDED EXISTING OPENING PREPS WITH BOLTS

6 WALL ANCHORS PER JAMB > 7’0” to 8’0”
5 WALL ANCHORS PER JAMB ≤ 7’0”

**WELDED WPS OR WEMA ANCHORS.**

WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY.

MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED.

2 WPS OR WEMA ANCHORS PER HEAD UP TO 3’0”
3 WPS OR WEMA ANCHORS PER HEAD OVER 3’0” TO 4’0”
4 WPS OR WEMA ANCHORS PER HEAD ON PAIRS 6’0” AND SMALLER
5 WPS OR WEMA ANCHOR PER HEAD ON PAIRS OVER 6’0” AND UP TO 8’0”

WPS OR WEMA ANCHORS REQUIRED IN HEAD REGARDLESS OF TYPE OF JAMB ANCHOR USED.
ANCHOR BOLTS INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED

FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES.
WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).
StormPro Window Shutter
Door and Frame Assembly
UL Certified
Static test pressure (+/- 252 PSF)
Static design pressure (+/- 210 PSF)
100 mph impact with 15 lb 2" x 4"
Meets FEMA P361 (August 2008) and ICC 500-2008 standard

ONLY AVAILABLE WITH SDI HINGE LOCATIONS

DOOR
- 16 ga. A60 (RK) skins
- Optional Cold Rolled Skins (CRS)
- Flush only
- Polyurethane core
- 10 ga. steel liner
- Minimum width 1'8" to 4'0" max.
- Minimum height 3'0" to 6'8" max.
- Continuous weld edge
- 1/4" undercut required

HARDWARE
- Corbin Russwin FE 6700, SARGENT FM6100, YALE 7370 concealed multi-point lock*
- McKinney 73980 or 73981 Butt Hinges
- McKinney MCKHG305 Continuous Hinge
- Markar HG305 Continuous Hinge

* Lock located at centerline of frame opening height.

FRAME
- 14 ga. A60 (RK) masonry
- Optional Cold Rolled Steel (CRS)
- 5-3/4" - 14" jamb depth minimum 2" face required
- Factory welded construction required
- Jamb anchor options:
  - Masonry “T” anchors
  - Masonry wire anchors
  - WPS or WEMA
- Quantity of Anchors required in jamb:
  - 2 Anchors up to 3'0"
  - 3 Anchors up to 5'0"
  - 5 Anchors up to 6'8"
- Quantity of Anchors required in head and sill:
  - 2 WPS or WEMA anchors up to 3'0"
  - 3 WPS or WEMA anchors 3'0" to 4'0"
- WPS or WEMA anchors must be welded at the factory. Masonry expansion shell anchor bolts included when WPS or WEMA anchors are ordered
- Window option on opposite door rabbet
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 252 PSF

- MEETS REQUIREMENTS OF ICC500-2014 AND FEMA P320/P361
- SINGLE OPENING 3’0” X 6’8” OR 3’0” X 7’0” ONLY
- MASONRY PROFILE 14 GAUGE STEEL
- KD OR SEAM WELDED CORNERS
- JAMB DEPTHS 4” THROUGH 14”
- 4” FACE HEAD OPTION

HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2” X 4-1/2” X .180” McKINNEY HEAVY WEIGHT SP3786
26D FINISH HINGES

(1) SARGENT 10 LINE LOCK 26D FINISH
(3) MEDECO MAXUM DEADBOLTS 26D FINISH KEYED ALIKE
(3) SARGENT 78-0034 STRIKES FOR MEDECO DEAD BOLTS

3/8” X 6” POWERS LOCK BOLT AS PROVIDED WHEN WELD PIPE SPACER ANCHORS ARE ORDERED.
STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 252 PSF

- MEETS REQUIREMENTS OF ICC500-2014 AND FEMA P320/P361
- FLUSH DOORS, HANDED “A” BEVEL
- SINGLE OPENING 3’0” X 6’8” OR 3’0” X 7’0” ONLY
- 747 SERIES 14 GAUGE STEEL
- T WELDED SEAMLESS EDGES
- WELDED FLUSH TOP CAP

HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2” X 4-1/2” X .180” McKinney Heavy Weight SP3786 26D Finish Hinges

(1) SARGENT 10 LINE CYLINDRICAL LOCK 26D FINISH
(3) MEDECO MAXUM DEADBOLTS 26D FINISH KEYED ALIKE
(3) SARGENT 78-0034 STRIKES FOR MEDECO DEAD BOLTS

ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS
STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 252 PSF
- MEETS REQUIREMENTS OF ICC500-2014 AND FEMA P320/P361
- 10" X 10" FV ONLY
- HANDED “A” BEVEL
- SINGLE OPENING 3’0” X 6’8” OR 3’0” X 7’0” ONLY
- 747 SERIES 14 GAUGE STEEL
- T WELDED SEAMLESS EDGES
- WELDED FLUSH TOP CAP

HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2” X 4-1/2” X .180” McKINNEY HEAVY WEIGHT SP3786 26D FINISH HINGES

(1) SARGENT 10 LINE LOCK 26D FINISH
(3) MEDECO MAXUM DEADBOLTS 26D FINISH KEYED ALIKE
(3) SARGENT 78-0034 STRIKES FOR MEDECO DEAD BOLTS
**StormPro 361® Door Construction (T6)**

Windstorm Certified Products Technical Data

August, 2017

---

**SARGENT FM8700**

**ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS**

**STORMPRO 361 DOOR AND FRAME ASSEMBLY**

- Static Test Pressure: (3'0" x 7'0" Single, 6'0" x 7'0" Pair +/-340 PSF; > 3'0" x 7'0" Single, 6'0" x 7'0" Pair +269, -270 PSF)
- Static Design Pressure: (3'0" x 7'0" Single, 6'0" x 7'0" Pair +/-284 PSF; > 3'0" x 7'0" Single, 6'0" x 7'0" Pair +246, -225 PSF)

For use with Sargent FM8700 Surface Vertical Rod Exit Device without Mullion

Meets FEMA P361 (March 2015) and ICC 500-2014 Standard

---

**HINGES:**
- 4-1/2" x 4-1/2" Heavyweight *
- 5" x 4-1/2" Heavyweight *
- Markar HG305
- McKinney MCK-HG305
- McKinney SP 3386 or SP 3786

**OTHER HARDWARE ACCESSORIES:**
- Securitron: Power Transfer: CEPT
- DPS: DPS-M -3/4"
- Hold Open: Model 998
- PEMKO: Weatherstrips: Model S773, Model 305 (Pairs Only)
- Bottom Sweep: Model 345
- Threshold: Model 2715
- Rain Drip: Model 346 (Threat Side Only)

**OUT-SWING ONLY**

**MINIMUM SIZE:**
- 3'0" x 7'0" Single
- 6'0" x 7'0" Pair

**MAXIMUM SIZE:**
- 4'0" x 8'0" Single *
- 8'0" x 8'0" Pairs (MUST BE EQUAL SIZE)

* Fire Rated Single requires fire pins in lock edge of door

---

**ASSA ABLOY, the global leader in door opening solutions**
**SARGENT FM8700**

**ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS**

**STORMPRO 361 DOOR AND FRAME ASSEMBLY**

- **STATIC TEST PRESSURE** (3'0" X 7'0" SINGLE, 6'0" X 7'0" PAIR +/-340 PSF; > 3'0" X 7'0" SINGLE, 6'0" X 7'0" PAIR +269, -270 PSF)
- **STATIC DESIGN PRESSURE** (3'0" X 7'0" SINGLE, 6'0" X 7'0" PAIR +/-284 PSF; > 3'0" X 7'0" SINGLE, 6'0" X 7'0" PAIR +246, -225 PSF)

**FOR USE WITH THE SARGENT FM8700 SURFACE VERTICAL ROD EXIT DEVICE**

**MEETS FEMA P361 (MARCH 2015) AND ICC 500-2014 STANDARD**

**FRAMES ARE 14 GAUGE (1.9) A60, KD OR FACE**

- **WELDED CORNER CONSTRUCTION**

**HINGES:**
- 4-1/2" X 4-1/2" HEAVYWEIGHT *
- 5" X 4-1/2" HEAVYWEIGHT *
- MARKAR HG305
- MCKINNEY MCK-305
- MCKINNEY SP 3386 OR SP 3786

* MCKINNEY SP 3386 OR SP 3786

**CAN BE FIRE RATED UP TO 180 MINUTES**

**JAMB ANCHOR OPTIONS:**
- MASONRY - "T" ANCHORS
- MASONRY - WIRE ANCHORS
- WELDED EXISTING OPENING PREPS WITH BOLTS

**WELDED WPS OR WEMA ANCHORS.**

WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY.

MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED.

**FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES.**

WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).

**HARDWARE MULLION NOT AVAILABLE.**

---

**ASSA ABLOY, the global leader in door opening solutions**
StormPro 361® Door Construction

Windstorm Certified Products Technical Data

August, 2017

CORBIN RUSSWIN FE5400S
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/-340 PSF)
STATIC DESIGN PRESSURE (+/-284)
FOR USE WITH CORBIN RUSSWIN FE5400S MULTI POINT EXIT WITH MULLION
MEETS FEMA P361 (MARCH 2015) AND ICC 500-2014 STANDARD

Hinges:
4-1/2" X 4-1/2" HEAVYWEIGHT *
5" X 4-1/2" HEAVYWEIGHT *
MARKAR HG305
MCKINNEY MCK-HG305
* MCKINNEY SP 3386 OR SP 3786

14 GA. (1.7) CLOSER REINFORCEMENT

16 GA. (1.3) END CHANNEL WITH 14 GA. (1.7) TOPCAP

1-3/4" THICK

POLYSTYRENE CORE FOR NON-FIRE RATED
HONEYCOMB FOR FIRE RATED
CAN BE FIRE RATED TO 180 MINUTES

MINIMUM SIZE:
3'0" X 7'0" SINGLE
6'0" X 7'0" PAIR

MAXIMUM SIZE:
4'0" X 8'0" SINGLE *
8'0" X 8'0" PAIRS
(MUST BE EQUAL SIZE)

* FIRE RATED SINGLE
REQUIRES FIRE PINS
IN LOCK EDGE OF DOOR

OUT-SWING ONLY

AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
YALE 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
POWER TRANSFER: CEPT
DPS: DPS-M -3/4"
HOLD OPEN: MODEL 998

PEMKO:
WEATHERSTRIPS: MODEL S773,
MODEL 305 (PAIRS ONLY)
BOTTOM SWEEP: MODEL 345
THRESHOLD: MODEL 2715
RAIN DRIP: MODEL 346
(THREAT SIDE ONLY)

5/8" (15.9) BOTTOM
UNDERCUT

16 GA. (1.3) BOTTOM END CHANNEL

12 GA. (2.4) LINER
COLD ROLLED OR GALVANNEALED (A60)

SQUARE HINGE EDGE
BEVEL 1/8" IN 2" ON LOCK EDGE

16 GA. (1.3) FACE SKINS

AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
YALE 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
POWER TRANSFER: CEPT
DPS: DPS-M -3/4"
HOLD OPEN: MODEL 998

PEMKO:
WEATHERSTRIPS: MODEL S773,
MODEL 305 (PAIRS ONLY)
BOTTOM SWEEP: MODEL 345
THRESHOLD: MODEL 2715
RAIN DRIP: MODEL 346
(THREAT SIDE ONLY)

5/8" (15.9) BOTTOM
UNDERCUT

16 GA. (1.3) BOTTOM END CHANNEL

12 GA. (2.4) LINER
COLD ROLLED OR GALVANNEALED (A60)

SQUARE HINGE EDGE
BEVEL 1/8" IN 2" ON LOCK EDGE

16 GA. (1.3) FACE SKINS

AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
YALE 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
POWER TRANSFER: CEPT
DPS: DPS-M -3/4"
HOLD OPEN: MODEL 998

PEMKO:
WEATHERSTRIPS: MODEL S773,
MODEL 305 (PAIRS ONLY)
BOTTOM SWEEP: MODEL 345
THRESHOLD: MODEL 2715
RAIN DRIP: MODEL 346
(THREAT SIDE ONLY)
ASSA ABLOY, the global leader in door opening solutions

StormPro 361® Frame Construction (T6)
Windstorm Certified Products Technical Data

August, 2017

CORBIN RUSSWIN FE55400S
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 340 PSF)
STATIC DESIGN PRESSURE (+/- 284 PSF)
FOR USE WITH THE CORBIN RUSSWIN FE 5400S MULTI-POINT EXIT DEVICE
PAIRS REQUIRE USE OF CORBIN RUSSWIN FE707A OR 708A MULLION
MEETS FEMA P361 (MARCH 2015) AND ICC 500-2014 STANDARD

FRAMES ARE 14 GAUGE (1.9) A60, KO OR FACE WELDED CORNER CONSTRUCTION

Hinges:
4-1/2" X 4-1/2" HEAVYWEIGHT *
5" X 4-1/2" HEAVYWEIGHT *
MARKAR HG305
MCKINNEY MCK-305

* STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

CAN BE FIRE RATED UP TO 180 MINUTES

JAMB ANCHOR OPTIONS:
MASONRY - "T" ANCHORS
MASONRY - WIRE ANCHORS
WELDED EXISTING OPENING PREPS WITH BOLTS

WELDED WPS OR WEMA ANCHORS.
WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY.
MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS OR
WEMA ANCHORS ARE ORDERED.

FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES.
WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND
CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).

+ REQUIRES CORBIN RUSSWIN FE707A
OR FE708A HARDWARE
MULLION ON PAIRS OF DOORS

MIN. 6'10" MAX. 8'4"

MIN. 5'8" MAX. 8'4"

MIN. 6'10" MAX. 8'4"
StormPro 361® Door Construction (T6)
Windstorm Certified Products Technical Data

August, 2017

CONCEALED VERTICAL RODS, LATCH ASSEMBLIES AND MORTISE LOCK BODY CASSETTE ARE FACTORY INSTALLED IN THE DOOR. ALL OTHER HARDWARE COMPONENTS ARE SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN AND MUST BE INSTALLED BY A FACTORY TRAINED INSTALLER.

IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES FROM DOOR UNTIL MORTISE LOCK IS READY TO BE INSTALLED.

CORBIN RUSSWIN FE6600
SARGENT FM7300
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 302 PSF)
STATIC DESIGN PRESSURE (+/- 252 PSF)
CORBIN RUSSWIN FE6600, SARGENT FM7300
MEETS FEMA P361 (MARCH 2015) AND ICC 500-2014 STANDARD

HINGES:
4-1/2” X 4-1/2” HEAVYWEIGHT *
5” X 4-1/2” HEAVYWEIGHT *

*MCKINNEY SP 3386 OR SP 3786

INSWING OR OUTSWING

14 GA. (1.9) FACE SKINS GALVANNEALED

SQUARE HINGE EDGE BEVEL 1/8” IN 2” ON LOCK EDGE

MINIMUM SIZE:
3’0” X 7’0”
6’0” X 7’0”

MAXIMUM SIZE:
4’0” X 8’0” SINGLE *
8’0” X 8’0” PAIRS

* CORBIN RUSSWIN 988CR OR SARGENT 988 SURFACE BOLTS USED ON THE INACTIVE LEAF OF PAIRS OF DOORS. 10 GA. (3.4). ASTRAGAL REQUIRED ON PAIRS OF DOORS.

14 GA. (1.9) CLOSER REINFORCEMENT

16 ga (1.3) END CHANNEL WITH 14 GA (1.7) TOP CAP

1-3/4” THICK

POLYURETHANE FOR NON-FIRE RATED HONEYCOMB FOR FIRE-RATED. CAN BE FIRE RATED TO 180 MINUTES

AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
YALE 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
POWER TRANSFER: CEPT
DPS: DPS-M -3/4”
HOLD OPEN: MODEL 998

PEMKO:
WEATHERSTRIPS: MODEL S773,
BOTTOM SWEEP: MODEL 345
THRESHOLD: MODEL 2715
RAIN DRIP: MODEL 346
(THREAT SIDE ONLY)

CONCEALED VERTICAL RODS, LATCH ASSEMBLIES AND MORTISE LOCK BODY CASSETTE ARE FACTORY INSTALLED IN THE DOOR. ALL OTHER HARDWARE COMPONENTS ARE SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN AND MUST BE INSTALLED BY A FACTORY TRAINED INSTALLER.

IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES FROM DOOR UNTIL MORTISE LOCK IS READY TO BE INSTALLED.
**StormPro Frame Construction (T6)**

**Windstorm Certified Products Technical Data**

August, 2017

---

**CORBIN RUSSWIN FE6600**

**SARGENT FM7300**

**ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS**

---

**StormPro Door and Frame Assembly**

- **Static Test Pressure** (+/-302 PSF)
- **Static Design Pressure** (+/-252 PSF)

**For use with Corbin Russwin FE6600 or Sargent FM7300 Multi-Point Lock**

**Meets FEMA P361 (March 2015) and ICC 500-2014 Standard**

---

**Frames are 14 Gauge (1.9) A60, KD or Face**

**Welded Corner Construction**

**Hinges:**
- 4-1/2” x 4-1/2” Heavyweight *
- 5” x 4-1/2” Heavyweight *
- *Mckinney SP 3386 or SP 3786

**Can be Fire Rated Up to 180 Minutes**

**Jamb Anchor Options:**
- Masonry - “T” Anchors
- Masonry - Wire Anchors
- Welded Existing Opening Preps with Bolts

**Welded WPS or Wema Anchors.**

WPS and Wema Anchors must be welded at the factory.

Masonry Expansion Shell Anchor Bolt Included When WPS or Wema Anchors are ordered.

**Frames must be installed and anchored per Submittal Pages.**

Walls constructed as described in FEMA P361 (Design and Construction Guidance for Community Safe Rooms).
StormPro Window Shutter
Windstorm Certified Products Technical Data

August, 2017

CORBIN RUSSWIN FE6600
SARGENT FM7300
ONLY AVAILABLE WITH SDI HINGE LOCATIONS

StormPro Window Shutter
Door and Frame Assembly
UL Certified
Static test pressure (+/- 340 PSF)
Static design pressure (+/- 284 PSF)
100 mph impact with 15 lb 2” x 4”
Meets FEMA P361 (March 2015) and ICC 500-2014 standard

INSWING ONLY

DOOR
• 14 ga. A60 (RK) skins
• Optional Cold Rolled Skins (CRS)
• Flush only
• Polystyrene core
• 10 ga. steel liner
• Minimum width 3’6” to 4’0” max.
• Minimum height 3’6” to 6’8” max.
• Continuous weld edge
• 1/4” undercut required
• 14 ga. end channel
• 18 ga. end cap

HARDWARE
• Corbin Russwin FE 6700, SARGENT FM6100, concealed multi-point lock*
• McKinney MCKHG305 Continuous Hinge
• Markar HG305 Continuous Hinge

* Lock located at centerline of frame opening height.

FRAME
• 14 ga. A60 (RK) masonry
• Optional Cold Rolled Steel (CRS)
• 4” - 14” jamb depth minimum 2” face required
• Factory welded construction required
• Jamb anchor options:
  - Masonry “T” anchors
  - Masonry wire anchors
  - WPS or WEMA
• WPS or WEMA anchors must be welded at the factory. Masonry expansion shell anchor bolts included when WPS or WEMA anchors are ordered
• Window option on opposite door rabbet

StormPro Window Shutter
MEETS FEMA P361 (March 2015) AND ICC 500-2014 STANDARD