ASSA ABLOY
STORMPRO 361 & 320 FRAME INSTALLATION
FOR MASONRY WALL CONDITIONS:
THE THROAT OF THE FRAME JAMBS MUST BE FULLY GROUTED WITH MIN. 3500 PSI GROUT
JOBSITE STORAGE: Store frames off the ground on at least 4" high wood runners or skids, in a
manner that will prevent rust or damage. Do not store directly on the ground. Assembled frames shall
be stored vertically. Cover frames with tarpaulin or plastic but do insure that adequate ventilation is
provided to eliminate moisture condensation. Due to frames being fully grouted, and especially when
mortar contains "anti-freezing" agents, the inside of the frame should be coated with a corrosion
resistant material by the installation contractor. Silencers/Mutes must be installed prior to grouting.

ASSEMBLY of KD (Knock Down) FRAME

PLUMBING of FRAME

The installer should use wood spreaders (as described at right), a
carpenters level (the longer the better), and a carpenters square (the bigger the
better). Set the frame in the desired location. Level head and plumb jambs.
Shim under jambs if necessary.

Typical wood spreaders must be square and made
from lumber at least 1" thick. Length of spreader
equals door opening width at the head. Cut
clearance notches for frame stops as shown.
Spreader must be nearly as wide as frame depth for
proper installation.
BRACING THE FRAME

NOTE: If frame is received setup and welded, remove and discard the temporary metal supports that are tack welded to jambs at sill before starting installation.

Brace the frame as shown or shore to ceiling. Do not brace in the direction of intended wall. Plumb and square jambs. Set spreader. Attach jambs to floor through floor anchor. Install a piece of tie wire around the frame, just below center of vertical opening height, and twist wire tight as this creates inward tension to hold 2nd spreader in place. Install 2nd spreader at mid-point of opening.

INSTALLING THE FRAME

Continue checking for plumb and square. Install jamb anchors at locations shown below.

Fully grout frame throat. Lightly tap jamb so mortar can settle. Continually check plumb and square as wall progresses.

CHECK: The difference between diagonals measured from opposite corners as they should not exceed 1/16".

Clear any mortar out of hinge pockets, strike reinforcements and other mortised hardware preparations.

### 3 & 4 SIDED FRAMES

#### MASONRY "T" JAMB ANCHOR QUANTITIES & LOCATIONS

<table>
<thead>
<tr>
<th>Opening Size</th>
<th>Anchor Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paired openings</td>
<td>Maximum of 8&quot; from the sill, 6&quot; from the head rabbot, and 23&quot; on center maximum.</td>
</tr>
<tr>
<td>Paired openings Greater than 7&quot; x 7&quot; and up to and including 8&quot; x 8&quot;.</td>
<td>Maximum of 8&quot; from the sill, 6&quot; from the head rabbot, and 20&quot; on center maximum.</td>
</tr>
<tr>
<td>Single openings</td>
<td>Maximum of 12&quot; from the sill, 10&quot; from the head rabbot, and 24&quot; on center maximum.</td>
</tr>
<tr>
<td>Single openings Greater than 3&quot; x 7&quot; and up to and including 4&quot; x 8&quot;</td>
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#### 3 & 4 SIDED FRAMES

#### WIRE MASONRY JAMB ANCHOR QUANTITIES & LOCATIONS

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NOTE: REFER TO WWW.CECODOOR.COM
STORMPRO FRAME EXISTING OPENING INSTALLATION INSTRUCTIONS WHEN FRAME HEAD IS PREPARED FOR ANCHOR BOLTS. SEE STEP # 17.

NOTE: REFER TO WWW.CECODOOR.COM
STORMPRO FRAME WELD TO BUILDING STRUCTURE INSTALLATION INSTRUCTION SUBMITTAL SHEET WHEN FRAME HEAD IS NOT PREPARED FOR ANCHOR BOLTS, AND WILL BE WELDED TO BUILDING STRUCTURE.

ASSA ABLOY, the global leader in door opening solutions.