

STORMPRO® 361 & 320 FRAME INSTALLATION (ICC 500-2014)

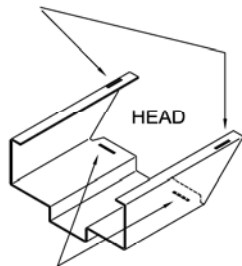
FOR MASONRY WALL CONDITIONS:

THE THROAT OF THE FRAME JAMBS MUST BE FULLY GROUTED WITH MIN. 1800 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.

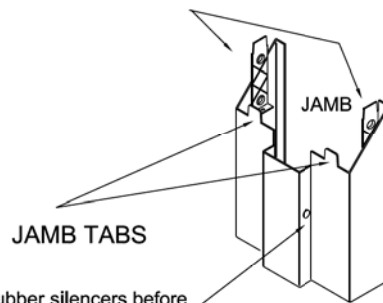
ASSEMBLY of KD (Knock Down) FRAME

SLOTS FOR
CORNER TABS



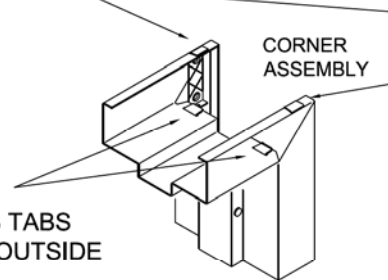
SLOTS FOR
JAMB TABS

CORNER TABS



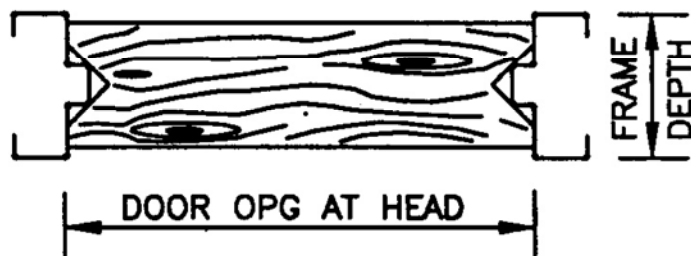
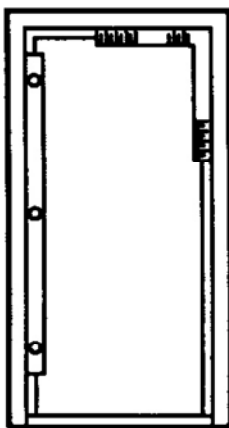
Install rubber silencers before
frame is setup to avoid grout
plugging the holes.

BEND CORNER TABS
TOWARDS INSIDE OF
FRAME



BEND JAMB TABS
TOWARDS OUTSIDE
OF FRAME

PLUMBING of FRAME

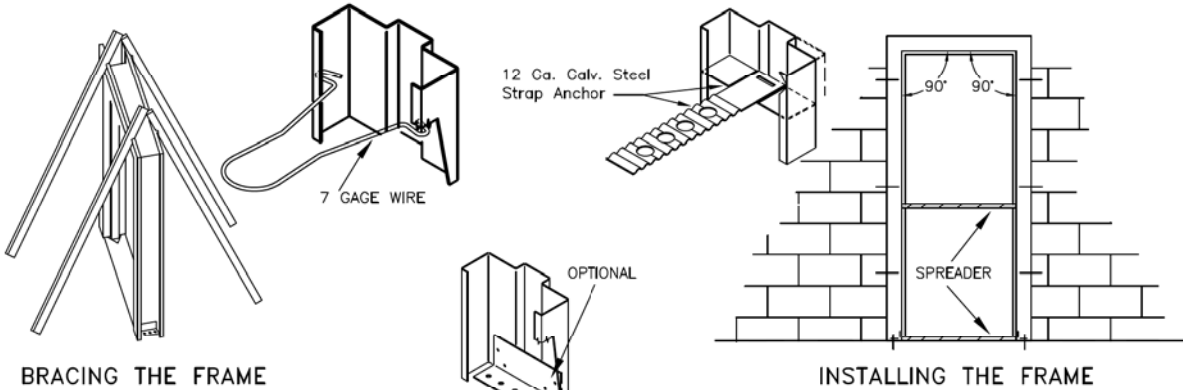


The installer should use wood spreaders (as described at right), a carpenter's level (the longer the better), and a carpenter's square (the bigger the better). Set the frame in the desired location. Level head and plumb jambs. Shim under jambs if necessary.

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.

ASSA ABLOY

STORMPRO® 361 & 320 MASONRY WALL CONSTRUCTION (STORMPRO SHUTTER FRAMES NOT INCLUDED)



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 with 1800 PSI grout. 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.

FOR ASSEMBLIES TESTED TO ICC 500-2014

JAMB ANCHOR LOCATIONS FOR SARGENT FM7300, CORBIN RUSSWIN FE6600, CORBIN RUSSWIN FE5400S, MEDECO DEADBOLT & SARGENT FM8700 ASSEMBLIES

MASONRY "T" JAMB ANCHOR LOCATIONS

	Opening Size	Anchor Type	Anchor Spacing
Paired Opening	6'0" x 7'0" up to and including 8'0" x 8'0"	12 Ga. Masonry "T" Anchors	Max. of 8" from the sill, max. 6" from the head rabbet, and 24" on center max.
Single Opening	3'0" x 7'0" up to and including 4'0" x 8'0"	12 Ga. Masonry "T" Anchors	Max. of 8" from the sill, max. 6" from the head rabbet, and 24" on center max.

WIRE MASONRY JAMB ANCHOR LOCATIONS

	Opening Size	Anchor Type	Anchor Spacing
Paired Opening	6'0" x 7'0" up to and including 7'0" x 7'0"	Wire Masonry Anchors	Max. of 12" from the sill, max. 10" from the head rabbet, and 16" on center max.
	Greater than 7'0" x 7'0" and up to and including 8'0" x 8'0"	Wire Masonry Anchors	Max. of 12" from the sill, max. 10" from the head rabbet, and 14" on center max.
Single Opening	3'0" x 7'0"	Wire Masonry Anchors	Max. of 12" from the sill, max. 10" from the head rabbet, and 18" on center max.
	Greater than 3'0" x 7'0" and up to and including 4'0" x 8'0"	Wire Masonry Anchor	Max. of 12" from the sill, max. 10" from the head rabbet, and 12" on center max.

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

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.