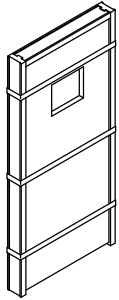
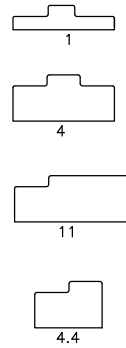


CP4 BLAST DOOR

Style 1, 4, 4.4 and 11 Unitized Single Door Assembly By Chem-Pruf® for Existing Openings

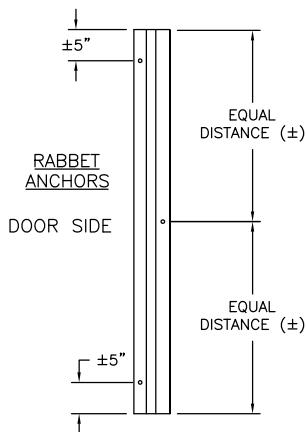


1. Set the crate, which will be marked with the specific opening location, at the opening.
2. Remove the door and frame assembly from the crate. ***Do not cut the bands around the door itself!*** Check that the door banding straps are still tight and that the plastic spacers are in place around the door. Check the back side of the door to be sure that the spreaders at the strike and door bottom are in place and snug. Double check swing against plans. Notify Chem-Pruf® at 1-800-444-6924 if parts are missing.
3. Check plans to see where the jamb should be placed in the structure and set assembly centered in opening. Plumb and square the door frame in the opening. If necessary, shim at jamb bottom to level header. Use two or three shims at the top of the assembly to hold the door assembly, plumb and level. You should have 1/4" - 3/8" clearance between the door frame and the structure all around. Mask edge of door frame next to wall and wall next to frame. (See illustration # 1.)
4. Take the bonding foam and read the directions carefully. Take injecting tube and make a mark at 3" from end of tube.
5. Insert tube between frame and wall up to the mark and inject a small amount of foam at top and bottom of jamb; each hinge and strike. One second shot will be plenty.
6. After 2-3 hours, carefully cut and remove the plastic strapping at jambs, so that it won't interfere with caulk joint. Pull the door open and discard the plastic spacers.



Set frame with supplied anchors. Field drill 1/4" hole into frame and counter sink all holes 82°, so anchor head will be flush with frame. Place anchors so that they penetrate solid structure. Use desired method listed below.

- a. **CMU/Concrete - Recommended method (1/4" Crete-Flex) Rabbet anchors** - Field Drill 1/4" hole in both jamb and header rabbets. Drill 2" into solid structure with supplied 7/32" X 4" long masonry bit. Place fastener 5" or 6" from each end of jamb & header and one equal distance from both ends.



- CMU/Concrete - Optional method (1/4" Crete-Flex) No visible anchors** - Same as above except field drill 1/4" hole underneath each jamb hinge leaf & strike. Also place one anchor at bottom of jamb on the strike side.

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 COST CONTROL: _____ DATE: _____

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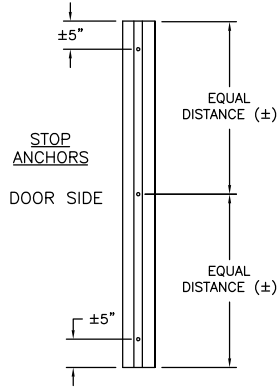


P.O. BOX 4560 BROWNSVILLE, TX 78523
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 www.chem-pruf.com

STYLE 1, 4 & 11 UNITIZED SINGLE DOOR
 ASSEMBLY BY CHEM-PRUF®
 FOR EXISTING OPENINGS

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CMU/Concrete - Optional method (3/8" x 5" SS Sleeve Anchors)

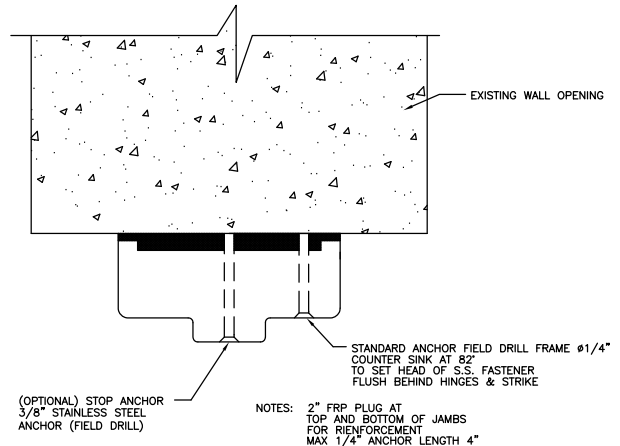
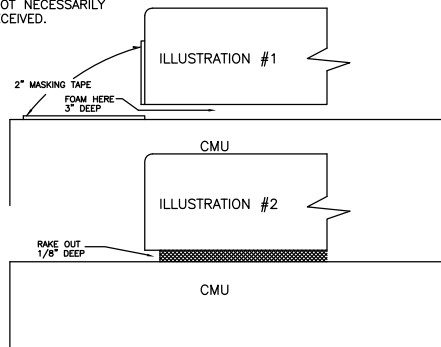


Optional Stop anchors- Same as above except field drill 3/8" hole in jamb stop and structure. Place 3/8" anchor 5" or 6" from each end of frame to start and then 3' o.c. Specify on order.

- b. *Metal/Wood Stud* - (#14 sheet metal screws)
Same as above except field drill pilot hole for supplied screws.
- c. *Steel* - (1/4-20 machine screws)
Same as above except field drill and tap steel structure 1/4-20 to accept supplied screws.

8. Complete bonding installation again small amounts should be injected - it is not necessary to completely fill void between frame and structure. Too much foam will force jamb against door and cause binding.
9. Take a utility knife and trim foam to neat edge if required. Do not scratch or cut the frame. Remove the masking tape.
10. Rake out foam 1/8" deep around the frame if necessary and caulk. (See illustration #2.)
11. Install Accessories if required.
12. Depending on conditions it may be necessary to shim hinge leaves to maintain required door to jamb clearance. Adjust as required so door swings freely without binding.

NOTE:
ILLUSTRATION DOES NOT NECESSARILY
SHOW FRAME YOU RECEIVED.



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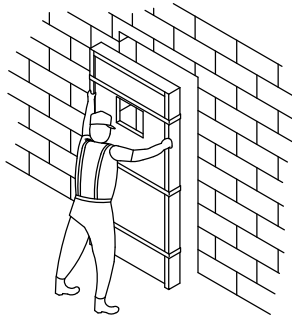
STYLE 1, 4 & 11 UNITIZED SINGLE DOOR
 ASSEMBLY BY CHEM-PRUF®
 FOR EXISTING OPENINGS

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A

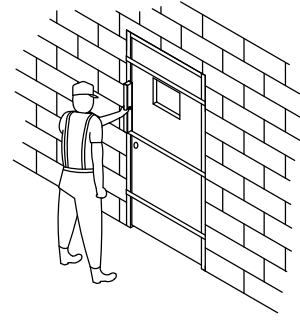
REMOVE DOOR & FRAME FROM CRATE. DO NOT REMOVE STRAPS AROUND DOOR.

B



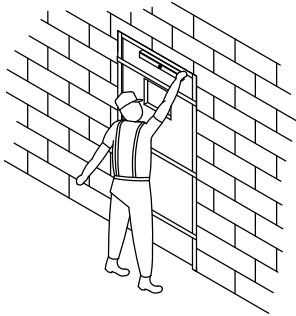
SLIDE ASSEMBLED DOOR & FRAME INTO EXISTING OPENING. CHECK HANDING PER PLANS.

C



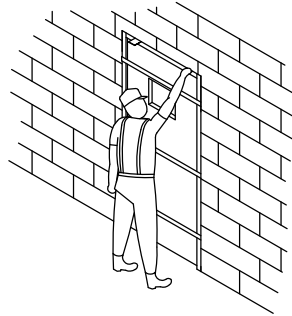
PLUMB JAMBS.

D



LEVEL HEADERS.

E



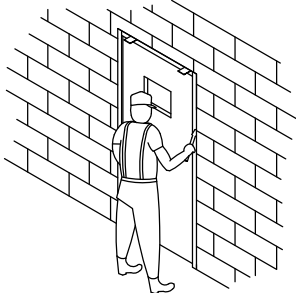
MAINTAIN UNIFORM CLEARANCE AROUND DOOR & FRAME. SLIDE WOOD SHIMS BETWEEN JAMB AND WALL AT TOP UNTIL ASSY IS SNUG.

F



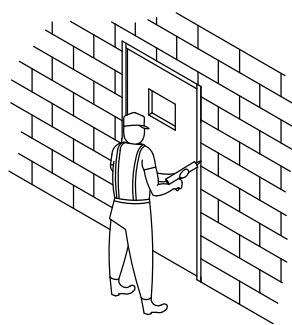
MASK WALL NEXT TO FRAME ALL AROUND AND INJECT SMALL AMOUNT (ONE SECOND SHOT) BETWEEN FRAME & WALL AT EACH HINGE, STRIKE, & TOP AND BOTTOM OF FRAME. DO NOT OVER FILL.

G



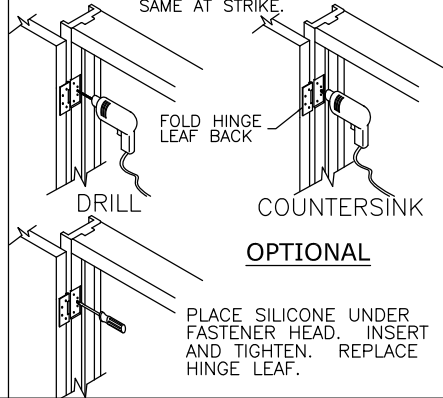
AFTER 4-6 HRS. REMOVE STRAPS & PULL DOOR OPEN. TRIM FOAM & REMOVE TAPE. RAKE FOAM BACK 1/8" & TRIM AWAY EXCESS SHIMS & STRAPS WITH A WOOD CHISEL OR A KNIFE.

H



INSTALL FASTENERS AS REQUIRED. CAULK JOINT BETWEEN FRAME & WALL WITH SPECIFIED SEALER.

WITH DOOR OPEN, REMOVE ONE HINGE LEAF AT A TIME FROM JAMB & INSTALL FASTENER. SAME AT STRIKE.



INSTALL WEATHER STRIP & THRESHOLD IF REQUIRED.

IF ASSISTANCE IS REQUIRED, PLEASE CONTACT CHEM-PRUF AT ANY OF THE FOLLOWING #'S

1-800-444-6924, (956) 544-1000, (956) 544-7943

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