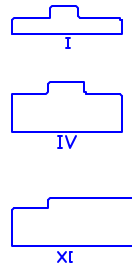


Style I, IV & XI Unitized Single Door Assembly
By Chem-Pruf® for Existing Openings
FIRE RATED

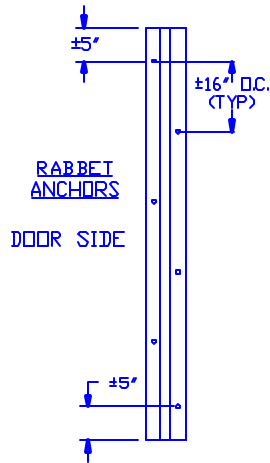


Note: Fire rated doors must be installed per these instructions and NFPA 80.

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 stand and set assembly up accordingly. 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.
4. Frame shall be tightly shimmed at each hinge location and at each frame screw. (Frame screws are provided with frame.) Two (2) beads of fire-rated caulking compound shall be injected behind each jamb member after setting frame in rough opening. In addition to frame screws through field drilled holes, one 1/4x4 Crete-Flex stainless steel frame screw shall replace one hinge screw at each hinge location and two 1/4x4 Crete-Flex screws through the strike for single swing door frames.

Note: Hinge and strike counter sink must be deepened for Crete-Flex.

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



- a. *CMU/Concrete* - (1/4" x 4" Crete-Flex)

Rabbet anchors - Field drill 1/4" hole in both jamb rabbets and header. Drill 2" into solid structure with supplied .234 masonry bit. Place fastener 5" or 6" from each end of jamb and header and as shown on drawing #1. Drill for balance of anchors at 16" o.c. staggered in rabbets.

- b. *Metal/Wood Stud* - (#14 sheet metal screws)

Same as above except field drill pilot hole for supplied screws. Use #12 stainless steel screw to replace one hinge screw at each hinge and 2 #12 stainless steel screw through strike.

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 PRODUCTION: _____ DATE: _____
 COST CONTROL: _____ DATE: _____

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P.O. BOX 4560 BROWNSVILLE, TX 78523
 1-800-444-6924 / FAX: (956) 544-7943

STYLE I, IV, & XI UNITIZED SINGLE DOOR
 ASSEMBLY BY CHEM-PRUF
 FOR EXISTING OPENINGS (FIRE RATED)

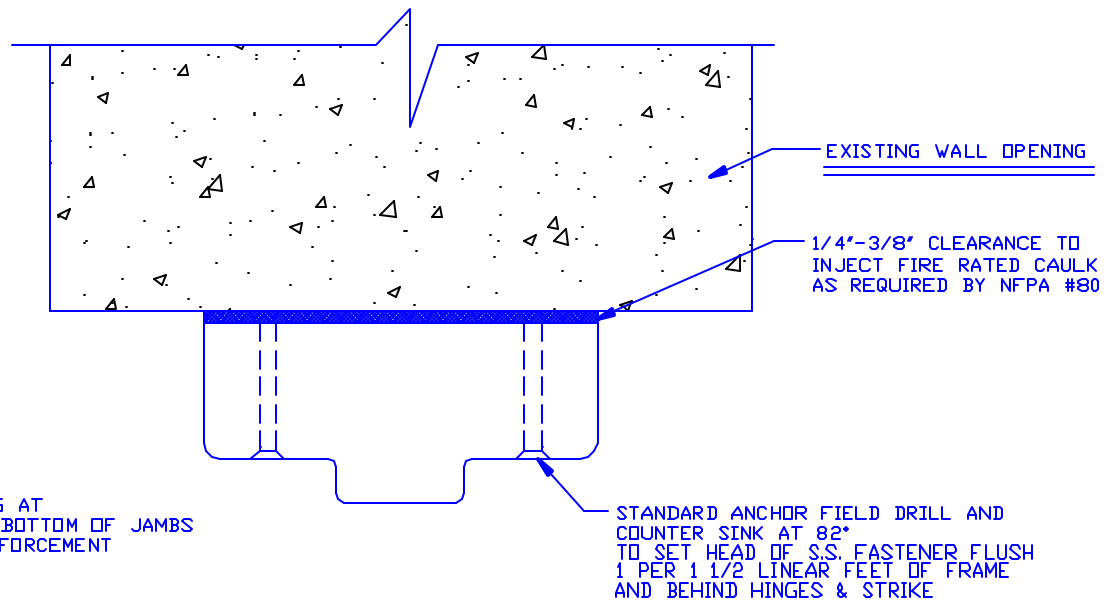
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c. *Steel* - (1/4-20 machine screws)
 Same as "b" except field drill & tap steel structure 1/4-20 to accept supplied screws.

5. Place small amount of silicone under each counter sunk anchor and snug up. Shim as necessary to hold plumb and level.
6. Cut straps open door and install remaining anchors.
7. Adjust shims and frame anchors if necessary to maintain clearances at 1/8" door to jamb per NFPA 80.
8. Caulk as specified by NFPA #80.
9. Install accessories if required.
10. Depending on conditions it may be necessary to shim hinge leaves to maintain 1/8 door to jamb clearance. Adjust as required so door swings freely without binding.



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STYLE I, IV, & XI UNITIZED SINGLE DOOR
 ASSEMBLY BY CHEM-PRUF
 FOR EXISTING OPENINGS (FIRE RATED)

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NUMBER	DWN BY	REV. #	DATE
#2	J.D.L	02	11/11/00