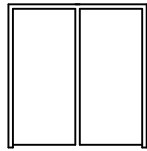


DOOR DESIGN



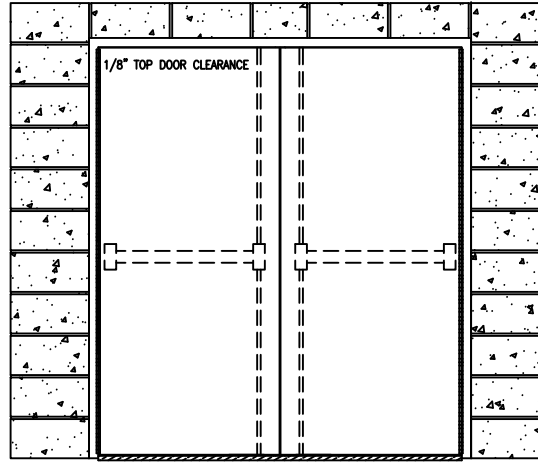
F

OPTIONAL FIRE RATING:

UP TO AND INCLUDING 3 HRS IN
UL 10B, UL 10C, UL 1784, & NFPA 252
FOR HONEYCOMB CORE DOORS ONLY.

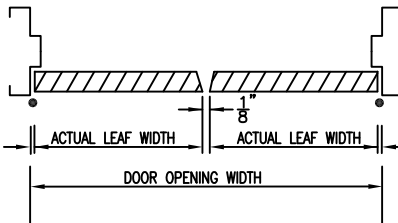
UL CLASSIFIED TO:
ICC 500(2014)
FEMA P-361 (2015)
FEMA P-320 (2014)

SUGGESTED USE:
DISASTER AND TORNADO &
STORM SHELTERS,
COMMUNITY SHELTERS,
SCHOOL SHELTERS,
SCHOOL "SAFE" ROOMS,
RESIDENTIAL "SAFE" ROOMS



DOUBLE SWING ELEVATION

HORIZONTAL SECTION



MANUFACTURER'S CONTINUOUS HINGE
TEMPLATE WILL DETERMINE CLEARANCE

- 5/8" DOOR UNDERCUT
- 1/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE
- BOTTOM STRIKE MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLT TO PROPERLY ENGAGE STRIKE.
- FLOOR MUST BE POURED LEVEL AND FRAME MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY.

**1-3/4" StormPro®
Tornado Resistant Door System (Pairs)
With Sargent FM8700 Surface Vertical Rod Exit Device**

DESIGNED TO ENDURE TORNADO FORCE WINDS AND FLYING DEBRIS. DEVELOPED TO RESIST MISSILE PENETRATION FOR USE IN BUILDINGS DESIGNED AS SHELTERS OR SAFE ROOMS TO PROTECT OCCUPANTS FROM INJURY. SUCCESSFULLY TESTED AND COMPLIANT TO ICC 500-2014 STANDARD.



DRAWN BY _____ DATE _____
CHKD BY _____ DATE _____

SHT _____ CONTRACT NO. _____
OF _____

ISSUE
DATE

REVISIONS

BY

ICC 500-2014
IMPACT: 15-LB. 2 X 4 MISSILE @ 100M.P.H.
DESIGN PRESSURE: +/- 284 PSF
TEST PRESSURE: +/- 341 PSF

OUTSWING

SEE DOOR SCHEDULE FOR HAND

DOOR CONSTRUCTION/FEATURES

6'-0" x 6'-8" UP TO & INCLUDING 6'-0" x 7'-0",
16 GA. CRS OR A60 GALVANNEALED STEEL FACE
SHEETS, 12 GA. LINER, WELDED 14 GA. TOP AND
BOTTOM CHANNELS. 14 GA. WELDED TOP CAP.
INSULATED CORE IS POLYSTYRENE. FIRE RATED DOOR
CORE WILL BE HONEYCOMB.

HARDWARE PREPARATIONS

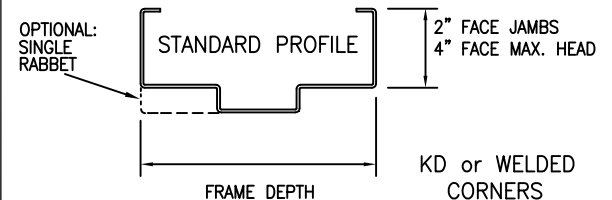
HINGES: (4) APPROVED BUTT HINGES REQUIRED PER
DOOR REGARDLESS OF OPENING HEIGHT.

APPROVED CONTINUOUS HINGES WITH CONTINUOUS
HINGE REINFORCEMENTS MAY BE USED.

EACH DOOR REINFORCED AND PREPARED FOR
SARGENT FM8700 SERIES SURFACE VERTICAL ROD.

FRAME CONSTRUCTION/FEATURES

14 GAGE CRS OR HOT-DIPPED
A60 GALVANNEALED STEEL



ANCHOR OPTIONS:

- MASONRY - "T" ANCHORS (12 GAGE)
- MASONRY - WIRE ANCHORS
- EXISTING OPENING ANCHORS W/BOLTS
- WELD TO BUILDING STRUCTURE
- 3/8" SMS/SELF DRILLING SCREWS OR UNC BOLTS TO EMBEDMENT PLATE OR HOST STEEL STRUCTURE. FASTENERS BY OTHERS.
- POURED IN PLACE WALL

FRAMES ARE NOT REQUIRED TO BE GROUTED
WHEN USING EXISTING WALL JAMB ANCHORS
OR WHEN WELDED TO BUILDING STRUCTURE.

ANCHOR QUANTITY, LOCATION & GROUT REQUIREMENTS:
REFERENCE WWW.CECODOOR.COM STORMPRO
INSTALLATION INSTRUCTIONS AND ANCHOR SUBMITTAL
SHEETS.

(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)