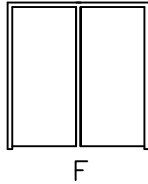


**DOOR DESIGN**



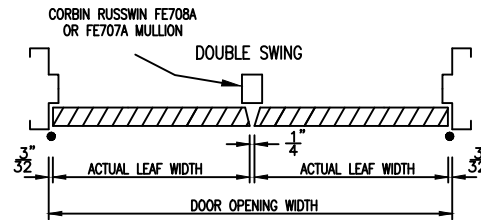
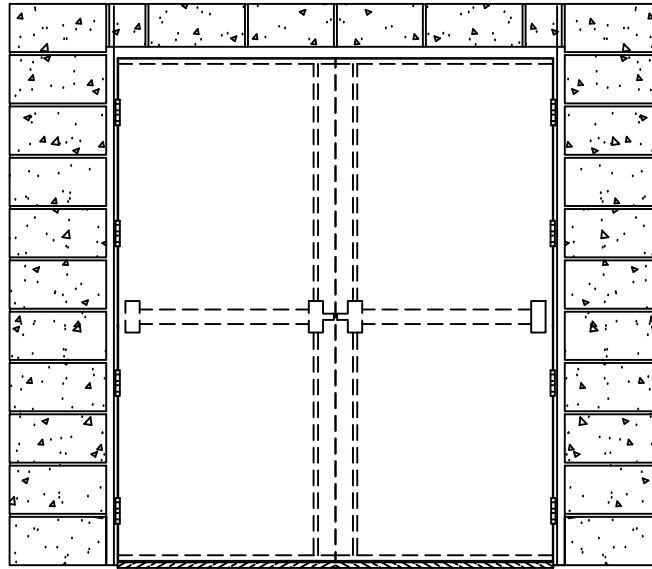
**OPTIONAL FIRE RATING:**

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



NOTE: PAIRS WITH HARDWARE MULLION, FRAME DEPTH MAY BE LIMITED BY THE HARDWARE MULLION.  
CONTACT HARDWARE MULLION MANUFACTURER FOR DEPTH LIMITATIONS.

- 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® 361 & 320  
Tornado Resistant Door System (Pairs)**

With Corbin Russwin FE5400S Surface Multi Point 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.



**ASSA ABLOY**

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**

MIN. 6'-0" x 6'-8", MAX. 8'-0" x 8'-0" DOORS  
CONSTRUCTED WITH 16 GA. CRS OR A60  
GALVANNEALED STEEL FACE SHEETS, 12 GA. LINER,  
WELDED 14 GA. TOP AND BOTTOM CHANNELS. 14  
GA. WELDED TOP CLOSING CAP. INSULATED CORE IS  
POLYSTYRENE. FIRE RATED DOOR CORE WILL BE  
HONEYCOMB.

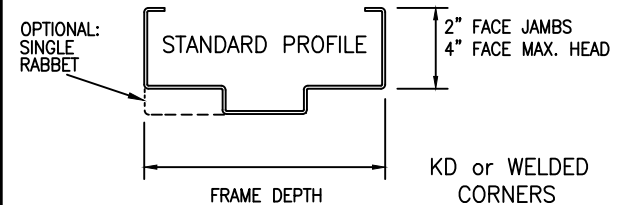
**HARDWARE PREPARATIONS**

**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  
CORBIN RUSSWIN FE5400S SERIES SURFACE  
MULTI POINT EXIT DEVICE.

**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)