

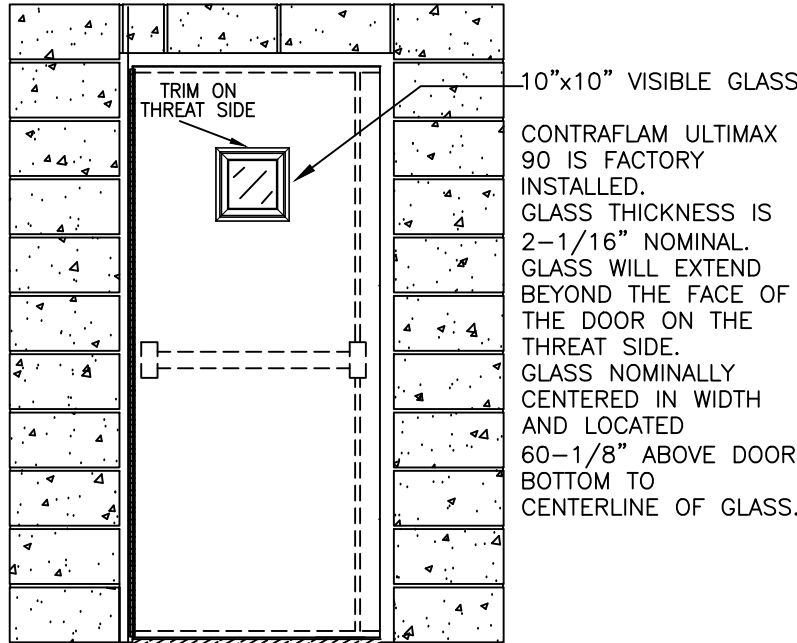
DOOR DESIGN



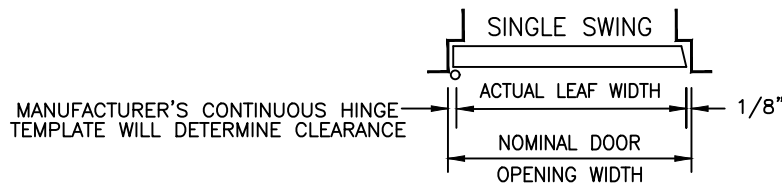
OPTIONAL FIRE RATING:
UP TO AND INCLUDING 1-1/2 HRS IN ACCORDANCE WITH UL10B, UL10C, UL1784, & NFPA252 FOR HONEYCOMB CORE DOORS ONLY.

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

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



10"x10" VISIBLE GLASS
CONTRAFLAM ULTIMAX 90 IS FACTORY INSTALLED.
GLASS THICKNESS IS 2-1/16" NOMINAL.
GLASS WILL EXTEND BEYOND THE FACE OF THE DOOR ON THE THREAT SIDE.
GLASS NOMINALLY CENTERED IN WIDTH AND LOCATED 60-1/8" ABOVE DOOR BOTTOM TO CENTERLINE OF GLASS.



HORIZONTAL SECTION

- 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
Glazed Tornado Resistant Door System (Singles)**

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. 3'0" x 6'8", MAX. 4'0" x 8'0" DOOR CONSTRUCTED WITH 14 GA. CRS OR A60 GALVANNEALED STEEL FACE SHEETS, WELDED TOP AND BOTTOM CHANNELS, AND WELDED TOP CLOSING CAP. INSULATED CORE IS POLYSTYRENE. FIRE RATED DOOR CORE WILL BE HONEYCOMB.

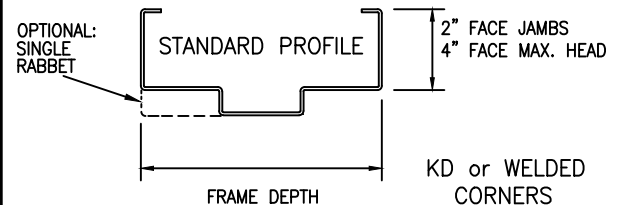
STORMPRO® HARDWARE PREPARATIONS

HINGES: 7'0" HEIGHTS & ABOVE (4) HINGES ARE REQUIRED WHEN USING BUTT HINGES. BELOW 7'0" HEIGHTS (3) HINGES ARE REQUIRED WHEN USING BUTT HINGES.

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/ 6" BOLTS BY CECO
- 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)