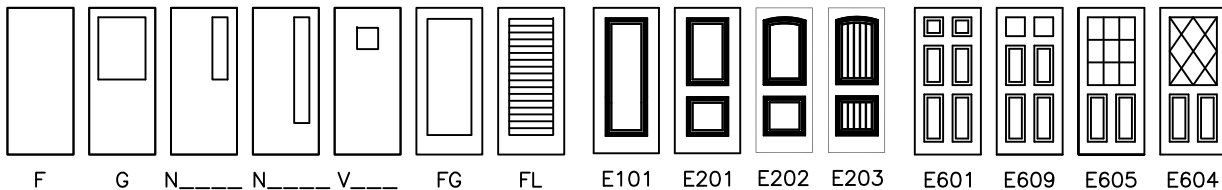


DOOR DESIGNS



Doors with lite cutouts are typically furnished with metal trim kits for lites. Glass and glazing are not included. Horizontal muntins are available to make various designs. N designs are available in multiple widths heights. FL designs utilize a 4634 fixed-slat louver.

Rigid-plastic trim kits for glass including 1/8" safety glass and glazing (conforming to CPSC Standard 16 CFR 1201 and to ANSI Z-97.1) is available upon request for non-rated doors. 1/2" insulating glass is also available in selected designs.

- Mortise lock prep not available on panel door designs under 3'-0" wide.
- 1 & 2-Panel is available in 18 gage only.
- Panel design door face sheets are formed from A40 galvanized steel.
- Flush design door face sheets are formed from cold rolled, galvanized or galvanized steel.

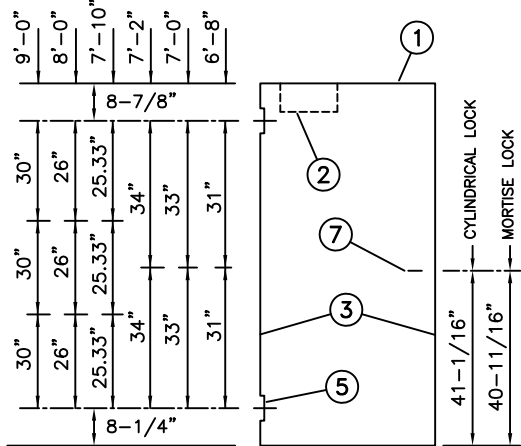
FIRE DOORS:

TEST: UL10B, UL10C, NFPA252 & UL1784

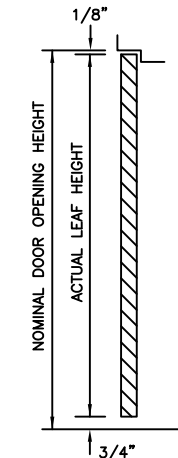
LABELING AGENCIES:

UL LLC
WARNOCK HERSEY

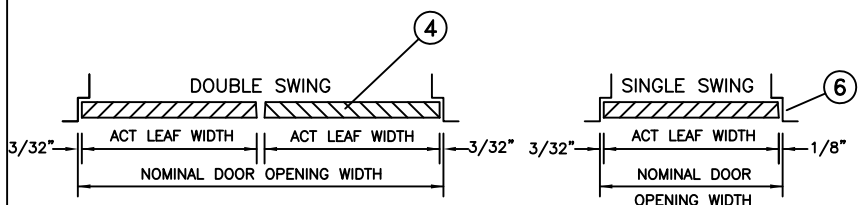
RATING: 20 MIN THRU 3 HR
MAX. SIZE: 4'0" x 8'0" SINGLE
8'0" x 8'0" PAIR
* 8'0" x 9'0" W/ LIMITED HARDWARE and GAGES.
DESIGNS: F, G, N, V, E1, E2, & E6



DOOR ELEVATION



VERTICAL SECTION



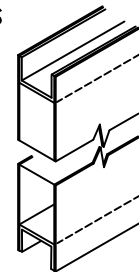
HORIZONTAL SECTIONS

1-3/4" ULTRADOR (UP)

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

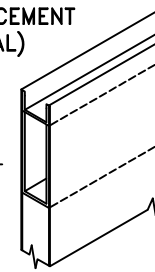
1 END CHANNELS

INVERTED
TOP AND
BOTTOM



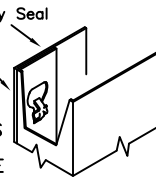
2 CLOSER REINFORCEMENT (OPTIONAL)

14 GAGE STEEL
CHANNEL 20"



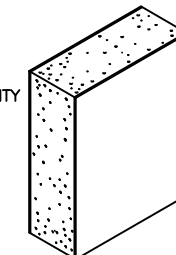
3 VERTICAL EDGES

Hairline Seam Epoxy Seal
MECHANICALLY INTERLOCKED HEMMED EDGES
ALSO AVAILABLE SEAMLESS (WELDED OR BODY FILLER)



4 CORE

MINIMUM
.7 LB/FT³ DENSITY
POLYSTYRENE
CORE



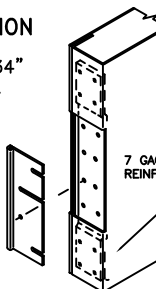
CONFORMS TO
ASTM C578, TYPE 1

5 HINGE PREPARATION

4-1/2" X .134" HIGH, STD WT. FULL MORTISE HINGE PREPS

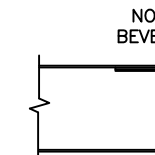
CLOSURE PLATES INCLUDED

NON-HANDED



6 LOCK EDGE

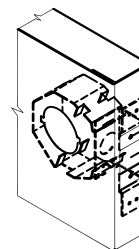
LOCK
EDGE IS
PARALLEL
TO JAMB
RABBET



LOCK PREPARATION 7

(LC1)

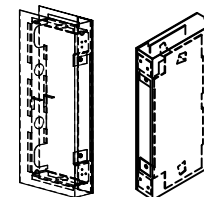
GOV. 160/161
CYLINDRICAL
LOCK PREP
(ANSI A115.2)
2-3/4" BACKSET



LOCK PREPARATION GOV. 86, ANSI/BHMA A115.1 MORTISE TYPE 7

(LMO)

NOTE: EITHER OF THE LOCK REINFORCEMENTS/GUARDS SHOWN MAY BE INSTALLED WITH ANY MORTISE LOCK PREPARATION.



DRAWN BY _____ DATE _____
CHK'D BY _____ DATE _____

SHT _____ CONTRACT NO. _____
OF _____

ISSUE DATE

REVISIONS

BY

FOR HAND & SWING

SEE DOOR SCHEDULE



NOTE: FOR GLAZING TRIM, LOUVERS OR ASTRAGALS REQUIRED, SEE DOOR SCHEDULE & ACCESSORY SHEET

THERMAL INSULATION VALUE

SOUND TRANSMISSION

PHYSICAL ENDURANCE TEST DATA

NFRC 102-2014 & ASTM FLUSH DOOR WITH MERCURY FRAME

CORE CALCULATED (ASTM C518)

SOUND TRANSMISSION CLASS (STC): 27 F DESIGN, 18 GAGE FACE SHEETS -- ASTM E90 & E413 (FULLY OPERABLE)

MEETS OR EXCEEDS ANSI A 250.4 PERFORMANCE TEST; 20 gage steel (500,000 cycles); 18 & 16 gage steel (1,000,000 cycles).