

ASSA ABLOY

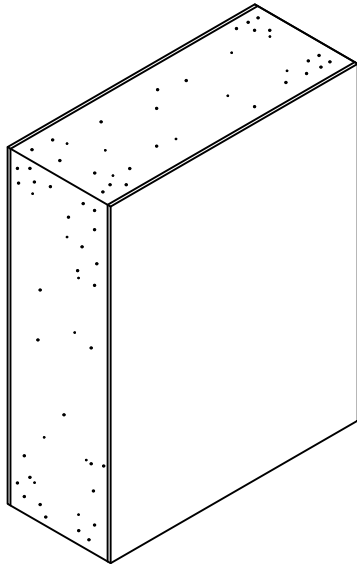
D6-1

1-3/4" FUEGO (FT) SOLID CORE

250 °F(121°C) MAXIMUM TEMPERATURE RISE*, POSITIVE PRESSURE
 FULL FLUSH STEEL, 3 HOUR FIRE DOORS
 BEVELED LOCK EDGE, HANDED

* 250°F (121°C) maximum temperature rise at the end of the first 30 minutes of fire test.

UL Solutions Listed, solid mineral fiber, rigid slab bonded to both face sheets with waterproof contact adhesive. Tensile strength: 150 psi



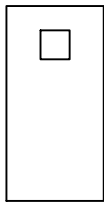
Suggested Use:

- Vertical means of egress*
- Fire Code Compliance*
- Interior or Exterior ...*
- Office*
- Motel/Hotel*
- Apartment*
- Condominiums*
- Public Housing*
- Health Care*
- Educational*
- Factory/Warehouse*
- Institutional*
- Mercantile*
- Dormitories*

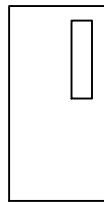
DOOR DESIGNS



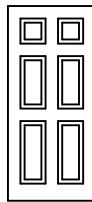
F



V



N



** E601
 ** EN61

** 6 PANEL EMBOSSED ONE SIDE - 250°F(121°C) TEMP. RISE
 EMBOSSED BOTH SIDES - 450°F(232°C) TEMP. RISE

ALL FUEGO DOOR DESIGNS WILL HAVE CENTER EDGE SEAM CONSTRUCTION.

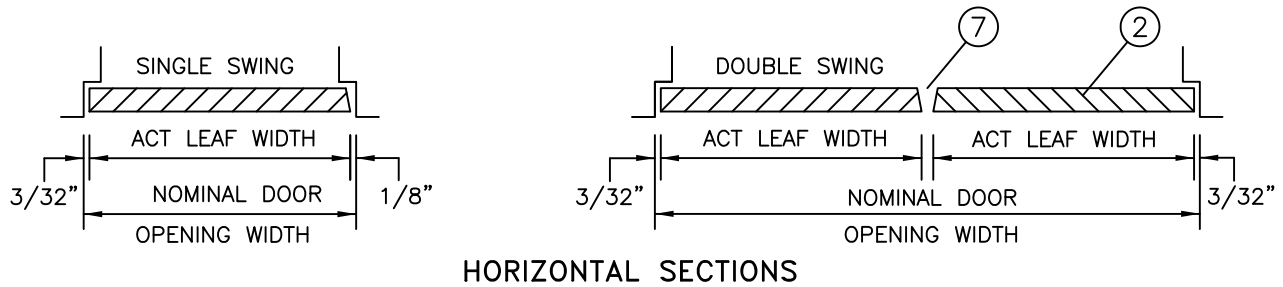
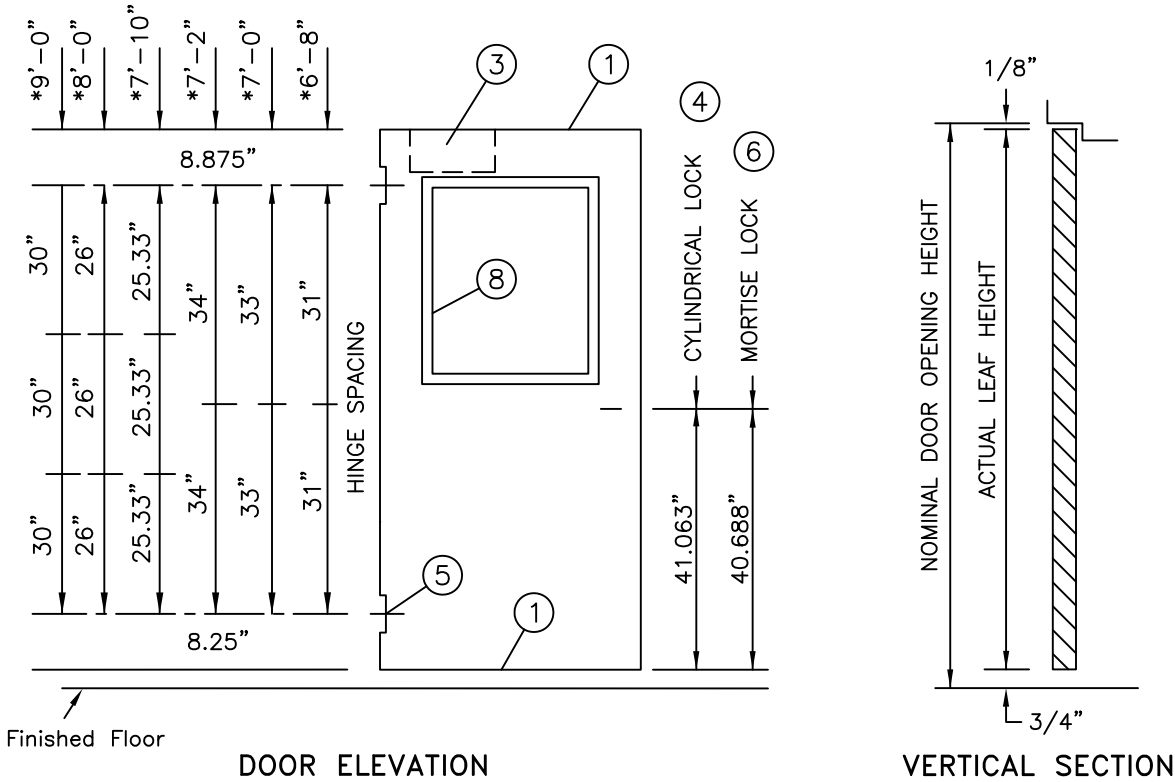
- NOTES: 1. 100² IN. MAX. GLAZED AREA PER DOOR WITH FIRE PROTECTIVE GLASS.
 2. OTHER DOOR DESIGNS AVAILABLE NON TEMPERATURE RISE RATED.

12/05/22

6 PANEL	
MAX. SIZE	3'0"x7'0"
MIN. SIZE	2'6"x6'8"

D6-2

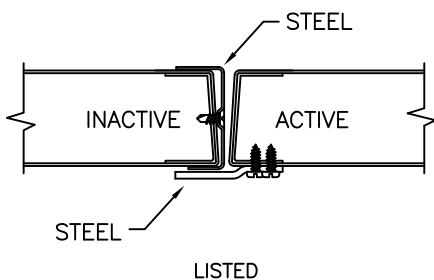
Hardware locations shown match Ceco standard frames.



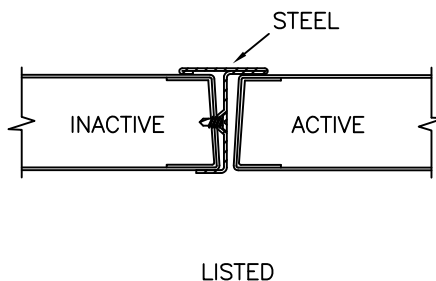
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.4 mm)

*See all embossed designs and size limitations on page D6-1.

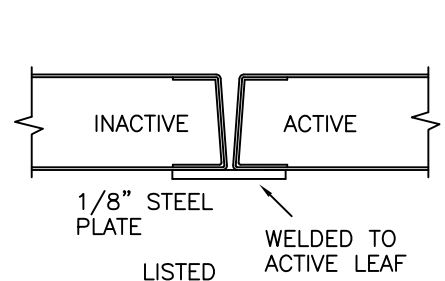
OVERLAPPING ASTRAGAL 4441 ⑦
FOR 1-3/4" THICK DOORS



OVERLAPPING ASTRAGAL 4471 ⑦
FOR 1-3/4" THICK DOORS



OVERLAPPING ASTRAGAL 4491 (OPTIONAL) ⑦
FOR 1-3/4" THICK DOORS



08/20/19

Experience a safer
and more open world

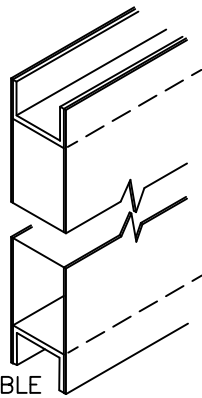
D6-3

16 GAGE STEEL END CHANNELS

WELDED TO BOTH FACE SHEETS

INVERTED TOP AND BOTTOM

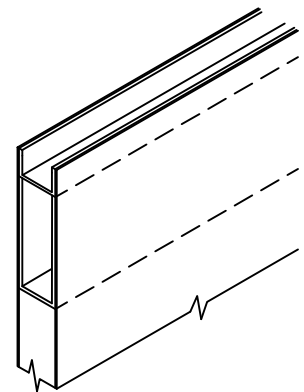
OPTIONAL TOP AND BOTTOM CAPS ARE AVAILABLE



①

CLOSER REINFORCEMENT (OPTIONAL)

14 GAGE STEEL CHANNEL 20" LONG



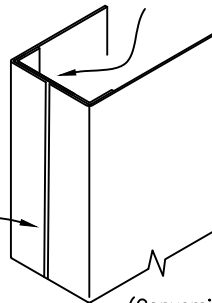
②

VERTICAL EDGES

16 Gage Full Height Channel

CENTER EDGE SEAM CONSTRUCTION (Standard)

OPTIONAL: WELDED SEAMLESS OR BONDO SEAMLESS

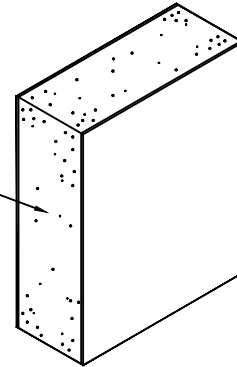


(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

③

CORE

SOLID MINERAL FIBER CORE BONDED TO BOTH FACE SHEETS

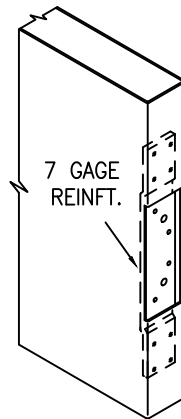


④

HINGE PREPARATION

4-1/2 OR 5 IN. HIGH, STANDARD OR HEAVY WEIGHT, FULL MORTISE HINGES

HINGE EDGE IS HANDED

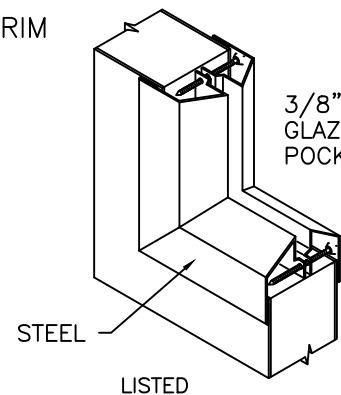


ANSI A156.7 TEMPLATE

⑤

GLAZING TRIM SlimTrim

FOR ALL FIRE DOORS



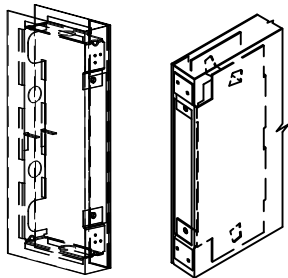
3/8" WIDE GLAZING POCKET

STEEL

LISTED

⑥

GOV. 86, ANSI/BHMA A115.1 MORTISE TYPE



(LM0)

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

⑧ LOCK PREPARATIONS

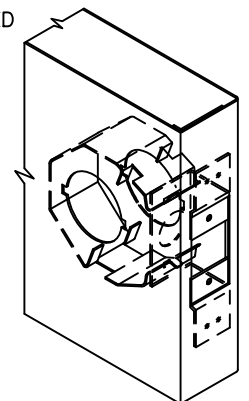
LOCK EDGE IS BEVELED

GOV. 160/161 CYLINDRICAL TYPE

(LC1)

(ANSI A115.2)

2-3/4" BACKSET



Notes:

Glazing

Only labeled, fire glazing material should be used. Glass and glazing are by glazing contractor unless included in contract.

Other Hardware preparations

Fuego doors can be prepared for listed: locks, latches, fire exit hardware, bolts (surface, flush, auto, etc.), concealed closers, and electronic hardware in accordance with procedures of specific labeling agency.

07/14/20

D6-4

PRODUCT SPECIFICATIONS:

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH		HEIGHT
SINGLE	DOUBLE	
2'-0"	4'-0"	6'-8"
2'-4"	4'-8"	
2'-6"	5'-0"	
2'-8"	5'-4"	
2'-10"	5'-8"	
3'-0"	6'-0"	
3'-4"	6'-8"	
3'-6"	7'-0"	
3'-8"	7'-4"	
3'-10"	7'-8"	
4'-0"	8'-0"	

1-3/4" Thick steel doors shall be as manufactured by Ceco Door Products. Doors shall conform to the Steel Door Institute guide specification, ANSI A250.8; see chart below for performance classifications.

FUEGO temperature rise, 3 hour or less rated, fire doors are made full flush center edge seam construction. A physical label shall be applied to the fire door at an authorized facility as evidence of compliance with procedures of labeling agency. Face sheets are commercial quality cold rolled steel (conforming to ASTM A1008 ...or (optional) hot-dipped galvanized or galvanized steel (conforming to ASTM A924 and A653) - see chart below.

Fuego full-flush doors have center edge seam construction. Weld seamless or body filler seamless is optional. The core is a one piece, UL listed, solid mineral fiber slab that is securely bonded to both face sheets under pressure with waterproof contact adhesive. The top and bottom door edges are closed with 16 gage steel channels welded to both faces.

FIRE DOORS

LABELING AGENCIES:

- UL SOLUTIONS
- WARNOCK HERSEY
- FACTORY MUTUAL

TEST: UL 10C, UL 10B,
UL 1784, & NFPA 252

• RATING: 20 MIN, 3/4 HR,
1 HR, 1-1/2 HR, OR 3 HR

• MAX. SIZE:
4'0" x 9'0" SINGLE
7'4" x 9'0" PAIR (3 HR)
8'0" x 9'0" PAIR (1-1/2 HR)

Not all ratings are available
in all sizes, designs and
materials.

Size guidelines for a specific
rating apply also to a lesser
rating.

Hardware Provisions: Hinge preparations are handed. Hinge edges are mortised for 4-1/2" or 5" high, standard and heavy weight hinges (specify which). 7 gage steel hinge reinforcements are welded inside the door edge and are drilled and tapped for fasteners in accordance with ANSI A156.7. The lock edge has a standard bevel (1:16) and is prepared for Gov. series 86, 160/161, or 90 locks in accordance with ANSI A115 (specify which). Optional closer reinforcement is a 14 gage steel channel.

Paint: 1-3/4" steel doors shall be provided with one coat of oven-cured neutral color primer paint. Primer coat shall conform to ANSI A250.10. The primer coat is a preparatory base for necessary finish painting. "Colorstyle" finish coat is also available from a selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel and shall conform to ANSI A250.3. For accurate color selectors ask for a Ceco Colorstyle chart.

MATERIAL

DOOR FACE SHEETS	LEVEL	C.R.	GALV		RECOMMENDED DOOR FRAME MATERIAL
			A60	G90	
18 Gage Steel	Heavy Duty	STD	OPT	N/A	16 Gage Steel
16 Gage Steel	Extra heavy Duty	STD	OPT	OPT	16 or 14 Gage Steel
14 Gage Steel	Maximum Duty	STD	OPT	OPT	14 or 12 Gage Steel

PERFORMANCE

Sound Transmission Class:	STC 33 (F Design, 18 Gage Face Sheets, ASTM E90 & E413, Fully Operable)
Physical Endurance	Meets ANSI A250.4 Performance Test, 18,16 and 14 Gage: Level A (1,000,000 Cycles)

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



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