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 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

** 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.

<table>
<thead>
<tr>
<th>PANEL</th>
<th>MAX. SIZE</th>
<th>MIN. SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>3'0&quot;x7'0&quot;</td>
<td>2'6&quot;x6'8&quot;</td>
</tr>
</tbody>
</table>

D6
Hardware locations shown match Ceco standard frames.

DOOR ELEVATION

VERTICAL SECTION

HORIZONTAL SECTIONS

(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
FOR 1–3/4" THICK DOORS

OVERLAPPING ASTRAGAL 4471
FOR 1–3/4" THICK DOORS

OVERLAPPING ASTRAGAL 4491 (OPTIONAL)
FOR 1–3/4" THICK DOORS
TECH-DATA

FUEGO 250°F(121°C) DOORS

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

VERTICAL EDGES
16 Gage Full Height Channel
CENTER EDGE SEAM CONSTRUCTION (Standard)
OPTIONAL: WELDED SEAMLESS OR BONDO SEAMLESS

2. CORE
SOLID MINERAL FIBER CORE BONDED TO BOTH FACE SHEETS

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

HINGE PREPARATION
4-1/2 OR 5 IN. HIGH, STANDARD OR HEAVY WEIGHT, FULL MORTISE HINGES
HINGE EDGE IS HANDED

4. GLAZING TRIM
SlimTrim FOR ALL FIRE DOORS

5. GLAZING TRIM
3/8" WIDE GLAZING POCKET

6. STEEL
LISTED

GOV. 86, ANSI/BHMA A115.1 MORTISE TYPE
(LM0)

7. LOCK PREPARATIONS
LOCK EDGE IS BEVELED

8. LOCK PREPARATIONS
GOV. 160/161 CYLINDRICAL TYPE
(LC1)

(LM0)
NOTE: EITHER OF THE LOCK REINFORCEMENTS/GUARDS SHOWN MAY BE INSTALLED WITH ANY MORTISE LOCK PREPARATION.

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.

Experience a safer and more open world

RETURN TO TOP
TECH-DATA

FUEGO 250°F (121°C) DOORS

STANDARD SIZES

<table>
<thead>
<tr>
<th>Nominal Door Opening</th>
<th>WIDTH</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE</td>
<td>2'-0&quot;</td>
<td>4'-0&quot;</td>
</tr>
<tr>
<td>2'-4&quot;</td>
<td>4'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>2'-6&quot;</td>
<td>6'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>2'-8&quot;</td>
<td>8'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>2'-10&quot;</td>
<td>10'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>3'-0&quot;</td>
<td>6'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>3'-4&quot;</td>
<td>8'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>3'-6&quot;</td>
<td>10'-0&quot;</td>
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</tr>
<tr>
<td>3'-8&quot;</td>
<td>12'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>3'-10&quot;</td>
<td>14'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>4'-0&quot;</td>
<td>16'-0&quot;</td>
<td></td>
</tr>
</tbody>
</table>

FIRE DOORS

LABELING AGENCIES:
• UNDERWRITERS LABORATORY
• 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)

PRODUCT SPECIFICATIONS:

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 galvannealed 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 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.

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

<table>
<thead>
<tr>
<th>DOOR FACE SHEETS</th>
<th>LEVEL</th>
<th>C.R.</th>
<th>GALV</th>
<th>RECOMMENDED DOOR FRAME MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 Gage Steel</td>
<td>Heavy Duty</td>
<td>STD</td>
<td>OPT</td>
<td>16 Gage Steel</td>
</tr>
<tr>
<td>16 Gage Steel</td>
<td>Extra Heavy Duty</td>
<td>STD</td>
<td>OPT</td>
<td>16 or 14 Gage Steel</td>
</tr>
<tr>
<td>14 Gage Steel</td>
<td>Maximum Duty</td>
<td>STD</td>
<td>OPT</td>
<td>14 or 12 Gage Steel</td>
</tr>
</tbody>
</table>

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)