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

** E601
** EN61

NOTES: 1. 100 sq. in. max. glazed area per door with fire protective glass.
2. Other door designs available non temperature rise rated.

<table>
<thead>
<tr>
<th>6 PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX. SIZE</td>
</tr>
<tr>
<td>MIN. SIZE</td>
</tr>
</tbody>
</table>
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

16 GAGE STEEL END CHANNELS
- WELDED TO BOTH FACE SHEETS
- INVERTED TOP AND BOTTOM
- OPTIONAL TOP AND BOTTOM CAPS ARE AVAILABLE

VERTICAL EDGES
- 16 Gage Full Height Channel
- Welded Seamless Edge (Standard)
- 14 GAGE STEEL WELDED SEAMLESS (ONLY)

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

CORE
- SOLID MINERAL FIBER CORE BONDED TO BOTH FACE SHEETS

GLAZING TRIM
- SlimTrim FOR ALL FIRE DOORS
- 3/8" WIDE GLAZING POCKET

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

LOCK PREPARATIONS
- GOV. 160/161 CYLINDRICAL TYPE

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

Notes:
- Glazing
  - Only listed, 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.
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 weld seamless style. 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 weld seamless vertical edges and have no visible seams on faces. 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.

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.