1-3/4" OMEGA (OI) HONEYCOMB CORE DOORS
FLUSH AND EMBOSSED PANEL STEEL DOORS
UNIVERSAL, NON-HANDED

Kraft fibre honeycomb slab, bonded to the inside of both face sheets with a waterproof, contact adhesive.

Suggested Use:
Interior or Exterior ...
Office
Motel/Hotel
Apartment
Urban Renewal
Health Care
Institutional
Mercantile
Public Utility
Factory
Warehouse

DOOR DESIGNS

F  G  G2  G3  V  N___  N___  GLB  FG
LB  LD  LT  DDT  DDB

E601, EN61

6 PANEL
MAX. SIZE 3'0"x7'0"
MIN. SIZE 2'6"x6'8"
ALL 6 PANEL EMBOSSED DESIGNS WILL BE CENTER EDGE SEAM CONSTRUCTION

Experience a safer and more open world
Hardware locations shown match Ceco standard frames.

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

OMEGA DOORS

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

VERTICAL EDGES
MECHANICALLY INTERLOCKED HEMMED EDGES
OPTIONAL:
SEAMLESS (WELDED OR BODY FILLER)
ALL 6 PANEL EMBOSSED DESIGNS WILL BE CENTER EDGE SEAM CONSTRUCTION.

CLOSER REINFORCEMENT (OPTIONAL)
14 GAGE STEEL CHANNEL 20" LONG

LOCK PREPARATION
GOV. 160/161 CYLINDRICAL TYPE
(LC1)
(ANSI A115.2)
2-3/4" BACKSET

HINGE PREPARATION
4-1/2" X .134"
HIGH, STANDARD OR HEAVY WT.
FULL MORTISE HINGE PREPS
ANSI A156.7 TEMPLATE
NON-HANDED

LOCK PREPARATION
GOV. 86, ANSI/BHMA A115.1 MORTISE TYPE
(LMO)
NOTE: EITHER OF THE LOCK REINFORCEMENTS/ GUARDS SHOWN MAY BE INSTALLED WITH ANY MORTISE LOCK PREPARATION.

VERTICAL EDGES
16 GAGE FULL HEIGHT CHANNEL
SLIMTRIM FOR ALL FIRE DOORS

FIXED SLAT TYPE LOUVER 4634
FOR 1-3/4" THICK DOORS

50% FREE AIR FLOW
STANDARD SIZES

<table>
<thead>
<tr>
<th>NOMINAL DOOR OPENING</th>
<th>WIDTH</th>
<th>HEIGHT</th>
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<tbody>
<tr>
<td>SINGLE</td>
<td>4'-0&quot;</td>
<td>6'-8&quot;</td>
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<tr>
<td>DOUBLE</td>
<td>4'-8&quot;</td>
<td>7'-0&quot;</td>
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</tbody>
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FIRE DOORS

LABELING AGENCIES:
- UNDERWRITERS LABORATORY
- 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
5'0" x 9'0" PAIR
- DESIGNS: F, G, N, & V

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

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.

OMEGA doors are made full-flush or (optional) seamless style. Faces 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.

Omega full-flush doors have mechanically interlocked, hemmed, hairline seams on vertical edges and have no visible seams on faces. Embossed 6 panel designs will have center edge seam construction. Doors specified "seamless" have no visible seams on faces or vertical edges (S.D.I. Design 2). A one piece, kraft honeycomb core is securely bonded to both face sheets under pressure with contact adhesive. The top and bottom door edges are closed with 16 gage steel channels welded to both face sheets.

Hardware Provisions: Hinge preparations are non-handed. Hinge edges are mortised for 4-1/2" standard and heavy weight hinges. 7 gage steel reinforcements are welded inside the door edge and are drilled and tapped for fasteners in accordance with ANSI A156.7. Hinge closing plates are included. The lock edge is square and is prepared for Gov. series 86, or 160/161 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 with 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.