1-3/4" REGENT (RI) HONEYCOMB CORE DOORS
FLUSH AND EMBOSSED PANEL STEEL DOORS
BEVELED LOCK EDGE, HANDED

Kraft fiber honeycomb slab, bonded to the inside of both face sheets with a water resistant, contact adhesive.

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

DOOR DESIGNS

<table>
<thead>
<tr>
<th>F</th>
<th>G</th>
<th>G2</th>
<th>G3</th>
<th>V</th>
<th>N</th>
<th>GLB</th>
<th>FG</th>
<th>LB</th>
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LD | LT | DDT | DDB | EN63 | E601, EN61 | E602, EN62, EN63 | E605, E606 | E607, E608 | E609, EN69 | E604, EN63

EMBOSSED 6 PANEL
ORDER CODES AND DOOR WIDTHS

<table>
<thead>
<tr>
<th>2'6&quot;, 2'8&quot; NARROW 6 PANEL</th>
<th>2'8&quot;, 3'0&quot; STD. 6 PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN61</td>
<td>E603</td>
</tr>
</tbody>
</table>

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.
Hardware locations shown match Ceco standard frames.

DOOR ELEVATION

VERTICAL SECTION

HORIZONTAL SECTIONS

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

OVERLAPPING ASTRAGAL 4441
FOR 1−3/4" THICK DOORS

OVERLAPPING ASTRAGAL 4471
FOR 1−3/4" THICK DOORS
TECH-DATA

REGENT 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

14 GAGE DOORS WILL BE
CENTER EDGE SEAM
CONSTRUCTION

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

LOCK EDGE IS BEVELED
1/8” in 2” (1:16)

HINGE
PREPARATION

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

HINGE EDGE IS HANDED
AND NOT BEVELED.

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

ALL 6 PANEL
DESIGNS ARE
CENTER EDGE
SEAM CONSTRUCTION

14 GAGE WILL BE
CENTER EDGE SEAM
CONSTRUCTION

WELD SEAMLESS AND
BODY FILLER SEAMLESS
IS OPTIONAL

GLAZING TRIM
SlimTrim
FOR ALL
FIRE DOORS

FIXED SLAT TYPE LOUVER
4634
FOR 1–3/4” THICK
DOORS

3/8” WIDE
GLAZING POCKET

50% FREE AIR FLOW

(STEEL)

LISTED

Conversion: 1” = 25.4 mm, e.g., 1–3/4” = 44.45 mm

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

BACK TO TOP
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.

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

Regent full-flush doors have mechanically interlocked, hemmed, hairline seams on vertical edges and have no visible seams on faces. Embossed 6 panel doors will have center edge seam construction. Doors specified "seamless" have no visible seams on faces or vertical edges (S.D.I. Model 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 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 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.

MATERIAL

<table>
<thead>
<tr>
<th>DOOR FACE SHEETS</th>
<th>LEVEL</th>
<th>C.R. A60 G90</th>
<th>RECOMMENDED DOOR FRAME MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 Gage Steel (4080 max.)</td>
<td>Standard Duty</td>
<td>N/A STD N/A</td>
<td>16 Gage Steel</td>
</tr>
<tr>
<td>18 Gage Steel</td>
<td>Heavy Duty</td>
<td>STD OPT OPT</td>
<td>16 Gage Steel</td>
</tr>
<tr>
<td>16 Gage Steel</td>
<td>Extra Heavy Duty</td>
<td>STD OPT OPT</td>
<td>16 or 14 Gage Steel</td>
</tr>
<tr>
<td>14 Gage Steel</td>
<td>Maximum Duty</td>
<td>STD OPT OPT</td>
<td>14 or 12 Gage Steel</td>
</tr>
</tbody>
</table>

PERFORMANCE

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<thead>
<tr>
<th>Sound Transmission Class:</th>
<th>Meets ANSI A250.4 Performance Test, 20 GAGE: Level B (500,000 Cycles); 18 and 16 Gage: Level A (1,000,000 Cycles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Endurance /Level:</td>
<td>(Conversion: 1&quot; = 25.4 mm, e.g., 1-3/4&quot; = 44.45 mm)</td>
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