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>N___</th>
<th>GLB</th>
<th>FG</th>
<th>LB</th>
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DDT
DDB
LD
LT

V, G, & N DESIGNS AVAILABLE

EMBOSSED 6 PANEL ORDER CODES AND DOOR WIDTHS

<table>
<thead>
<tr>
<th>2’6” NARROW 6 PANEL</th>
<th>2’8” STD. 6 PANEL</th>
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<tbody>
<tr>
<td>EN61</td>
<td>E603</td>
</tr>
<tr>
<td>EN62</td>
<td>E601</td>
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<tr>
<td>EN63</td>
<td>E602</td>
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<tr>
<td>EN66</td>
<td>E605</td>
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<td>E607</td>
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<td>E608</td>
<td>E607</td>
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<tr>
<td>EN69</td>
<td>E608</td>
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<tr>
<td>EN63</td>
<td>E609</td>
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<tr>
<td>E603</td>
<td>E604</td>
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</tbody>
</table>

6 PANEL
MAX. SIZE 3’0”x7’0”
MIN. SIZE 2’6”x6’8”
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
16 GAGE STEEL END CHANNELS

WELDED TO BOTH FACE SHEETS

INVERTED TOP AND BOTTOM

OPTIONAL TOP AND BOTTOM CAPS ARE AVAILABLE

14 GAGE STEEL CHANNEL 20" LONG

VERTICAL EDGES

1. VERTICAL EDGES

VERTICAL EDGES

Epoxy Seal

Mechanically Interlocked Hemmed Edges

Also Available Seamsless (Welded or Body Filler)

2. VERTICAL EDGES

Closer Reinforcement (Optional)

3. CLOSER REINFORCEMENT (OPTIONAL)

14 GAGE STEEL CHANNEL 20" LONG

4. LOCK PREPARATION GOV. 160/161 CYLINDRICAL TYPE

(LC1)

(ANSI A115.2)

2–3/4" BACKSET

5. LOCK PREPARATION GOV. 86, ANSI/BHMA A115.1 MORTISE TYPE

(HM1)

(ANSI A156.7)

7 GAGE REINF. ANS.

6. LOCK PREPARATION 1/8" in 2" (1:16)

7 GAGE REINF. ANS.

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

HINGE PREPARATION

HINGE EDGE IS HANDED AND NOT BEVELED.

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

7 GAGE REINF.

8. FIXED SLAT TYPE LOUVER 4634 FOR 1–3/4" THICK DOORS

3/8" WIDE GLAZING POCKET

STEEL

LISTED

CONVERSION: 1" = 25.4 mm, e.g., 1–3/4" = 44.45 mm

STEEL

50% FREE AIR FLOW

For All Fire Doors

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STEEL

50% FREE AIR FLOW

For All Fire Doors
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. Doors specified "seamless" have no visible seams on faces or vertical edges (S.D.I. Model 2). 14 gage doors are seamless vertical edge construction. 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.

<table>
<thead>
<tr>
<th>STANDARD SIZES</th>
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</thead>
<tbody>
<tr>
<td>NOMINAL DOOR OPENING</td>
</tr>
<tr>
<td>WIDTH</td>
</tr>
<tr>
<td>SINGLE</td>
</tr>
<tr>
<td>2'-0&quot;</td>
</tr>
<tr>
<td>2'-4&quot;</td>
</tr>
<tr>
<td>2'-6&quot;</td>
</tr>
<tr>
<td>2'-10&quot;</td>
</tr>
<tr>
<td>3'-0&quot;</td>
</tr>
<tr>
<td>3'-4&quot;</td>
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</table>

REGENT DOORS

LABELING AGENCIES:
- UNDERWRITERS LABORATORY
- WARNOCK HERSEY
- FACTORY MUTUAL

TEST: UL10C, UL10B, UL1784, & 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 8'0" x 9'0" PAIR
- DESIGNS: F, FG, G, N, & V

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

FIRE DOORS

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>20 Gage Steel (4080 max.)</td>
<td>Standard Duty</td>
<td>N/A</td>
<td>STD</td>
<td>N/A 16 Gage Steel</td>
</tr>
<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

<table>
<thead>
<tr>
<th>Sound Transmission Class:</th>
<th>STC 32 (F Design, 18 Gage Face Sheets, ASTM E90 &amp; E413 [Fully Operable])</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Endurance /Level:</td>
<td>Meets ANSI A250.4 Performance Test, 20 GAGE: Level B (500,000 Cycles); 18 and 16 Gage: Level A (1,000,000 Cycles)</td>
</tr>
</tbody>
</table>

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