1-3/4" LEGION (LP) POLYSTYRENE CORE DOORS
FLUSH PANEL STEEL DOORS
BEVELED LOCK EDGE, HANDED

POLYSTYRENE SLAB, BONDED TO THE INSIDE OF BOTH FACE SHEETS WITH A WATERPROOF, CONTACT ADHESIVE.

SUGGESTED USE:
INTERIOR OR EXTERIOR...
OFFICE
MOTEL/HOTEL
APARTMENT
CONDOMINIUMS
DORMITORIES
URBAN RENEWAL
HEALTH CARE
INSTITUTIONAL
MERCANTILE
PUBLIC UTILITY
FACTORY
WAREHOUSE

EMBOSSED PANEL DESIGNS:
6 PANEL
CROSSBUCK

HIGH DEFINITION EMBOSSED PANEL DESIGNS:
1 PANEL
2 PANEL

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>
</tr>
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</table>

<table>
<thead>
<tr>
<th>LB</th>
<th>LD</th>
<th>LT</th>
<th>DDT</th>
<th>DDB</th>
</tr>
</thead>
</table>

DUTCH V, G, & N DESIGNS AVAILABLE

EMBOSSED NARROW 6 PANEL DESIGNS WILL BE CENTER EDGE SEAM CONSTRUCTION.

<table>
<thead>
<tr>
<th>1 PANEL</th>
<th>2 PANEL</th>
<th>6 PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'0&quot;x8'0&quot;</td>
<td>3'0&quot;x8'0&quot;</td>
<td>3'0&quot;x7'0&quot;</td>
</tr>
<tr>
<td>2'8&quot;x6'8&quot;</td>
<td>2'8&quot;x6'8&quot;</td>
<td>2'6&quot;x6'8&quot;</td>
</tr>
</tbody>
</table>

Experience a safer and more open world
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)

*See all embossed panel designs and size limitations on pages D4A-1 or D4A-4.

OVERLAPPING ASTRAGAL
4441
FOR 1 3/4" THICK DOORS

OVERLAPPING ASTRAGAL
4471
FOR 1 3/4" THICK DOORS

STEEL
INACTIVE
ACTIVE

LISTED

STEEL
INACTIVE
ACTIVE

LISTED
TECH-DATA

LEGION DOORS

16 GAGE STEEL END CHANNELS

- WELDED TO BOTH FACE SHEETS
- INVERTED TOP AND BOTTOM

OPTIONAL TOP AND BOTTOM CAPS ARE AVAILABLE

VERTICAL EDGES

1. MECHANICALLY INTERLOCKED HEMMED EDGES
2. OPTIONAL: SEAMLESS (WELDED OR BODY FILLER)
3. EMBOSSED NARROW 6 PANEL WILL BE CENTER EDGE SEAM CONSTRUCTION.
4. CENTER EDGE SEAM CONSTRUCTION PROVIDED WITH 14 GAGE SKINS

CLOSER REINFORCEMENT (OPTIONAL)

- 14 GAGE STEEL CHANNEL 20” LONG

LOCK PREPARATION

3. GOV. 160/161 CYLINDRICAL TYPE

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

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

LOCK PREPARATION

(LC1)

- (ANSI A115.2)
- 2–3/4” BACKSET

(LMO)

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

VERTICAL EDGES

- NARROW 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

FIXED SLAT TYPE LOUVER

4634

- FOR 1–3/4” THICK DOORS

50% FREE AIR FLOW

ASSA ABLOY
Experience a safer and more open world

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.

LEGION 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 galvanized or galvanized steel conforming to ASTM A924 and A653 – see chart below.

Legion full-flush doors have mechanically interlocked, hemmed, hairline seams on vertical edges and have no visible seams on faces. Embossed narrow 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, polystyrene slab, conforming to ASTM C578 TYPE 1, is bonded to the inside of both face sheets with a waterproof 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 hand-finished. 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.

EXCEPTIONS:
E1, E2, and E6 designs: mortise lock preparation limited to 3" width.
1 & 2 panel doors are available in 18 gage face sheets only.
6 panel doors are available in 20, 18, and 16 gage face sheets only.
Panel design door face sheets are formed from A40 galv. steel.
Embosed narrow 6 panel design will have center edge seam construction.

MATERIAL

<table>
<thead>
<tr>
<th>DOOR FACE SHEETS</th>
<th>LEVEL</th>
<th>C.R.</th>
<th>GALV A60</th>
<th>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</td>
<td>STD N/A</td>
<td>16 Gage Steel</td>
<td></td>
</tr>
<tr>
<td>18 Gage Steel</td>
<td>Heavy Duty</td>
<td>STD</td>
<td>OPT OPT</td>
<td>16 Gage Steel</td>
<td></td>
</tr>
<tr>
<td>16 Gage Steel</td>
<td>Extra heavy Duty</td>
<td>STD</td>
<td>OPT OPT</td>
<td>16 or 14 Gage Steel</td>
<td></td>
</tr>
<tr>
<td>14 Gage Steel</td>
<td>Maximum Duty</td>
<td>STD</td>
<td>OPT OPT</td>
<td>14 or 12 Gage Steel</td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE

Thermal Characteristic Value:
- CORE CALCULATED (ASTM C518)
  - *NFRC 102-2014 & ASTM FLUSH DOOR WITH MERCURY FRAME
  - *NFRC 102-2014 & ASTM FLUSH DOOR WITH WEATHERKERR FRAME
  - *NFRC 102-2014 & ASTM FLUSH DOOR WITH STANDARD FRAME

\[ R = 6.08 \quad U = 0.16 \]

*NFRC102-2014: The general requirements of testing shall be as defined in NFRC 102, ASTM C1199 and ASTM C1363.

Sound Transmission Class:
STC 27 (F Design, 18 Gage Face Sheets, ASTM E90 & E413 [Fully Operable])

Physical Endurance /Level:
Meets ANSI A250.4 Performance Test, 20 GAGE: Level B (500,000 Cycles); 18 and 16 Gage: Level A (1,000,000 Cycles)

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