

Doors - Lead lined

Lead lined

Doors shall be as manufactured or furnished by Republic Doors and Frames, McKenzie, Tennessee 38201.

Lead Thickness: 1/16" standard. For other thickness, consult factory.

Thickness: 1 3/4" (18 and 16 gauge); 1 13/16" (14 gauge +/- 1/16") Nominal

Actual Door Size: Door undersized from nominal by 1/4" in width and 7/8" in height. Standard undercut is 3/4".

Hinge Rail & Reinforcement: Hinge edge is non-beveled and reinforced with a continuous 16(DL) or 10(DE) gauge steel channel, projection welded at a maximum 5" on center.

Lock Rail: Lock edge is non-beveled and reinforced with a continuous 16(DL) or 14(DE) gauge steel channel, projection welded at a maximum 5" on center.

Top Channel: Top Channel is a flush 16 gauge steel channel, projection welded at a maximum 2 1/2" on center.

Bottom Channel: Bottom Channel is inverted 16 gauge steel channel, projection welded at a maximum 2 1/2" on center.

Cores Available: Insulated/Steel Stiffened core.

Face Skins: Cold Rolled, Hot Rolled or Galvannealed Steel, 18, 16 or 14 gauge.

Closer Reinforcement (Option): 14 gauge standard. (18" x 6")

Size Availability: (Singles) Maximum 5'0" x 10'0", (Pairs) Maximum 10'0" x 10'0"

SDI 100 Level/Model: Level 2-4 Model 1 or 2 (Heavy Duty to Maximum Duty Performance Level A and B)

Edge Seam Construction: Visible seam - standard, (Option) Continuously welded seamless and intermittently welded seamless available.

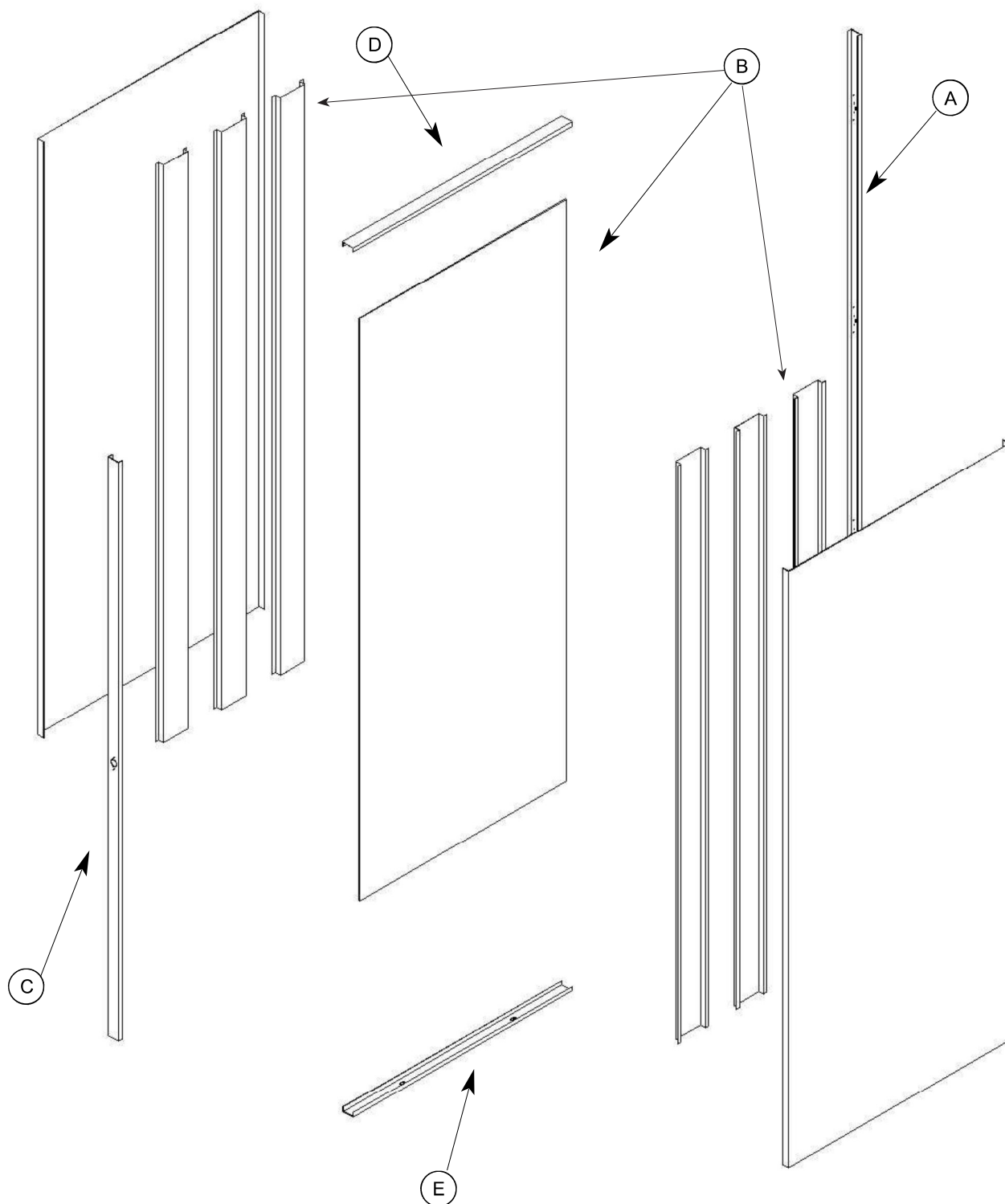
Universal Standard/Heavy Weight Hinge: Hinge clips are used allowing for an easy modification from standard to heavy weight hinge prep.

Handing Design: Non-Handed standard (Handed optional)

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Construction details

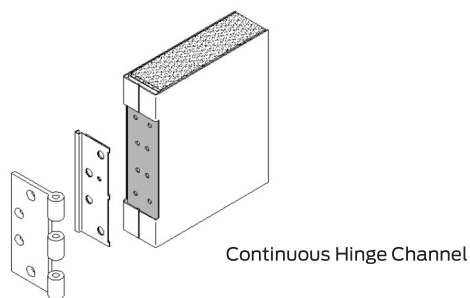
Note: See details on next page



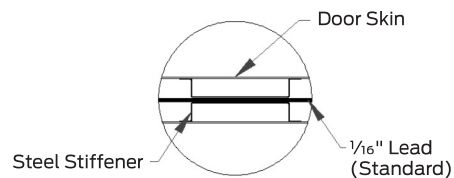
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Construction details

A

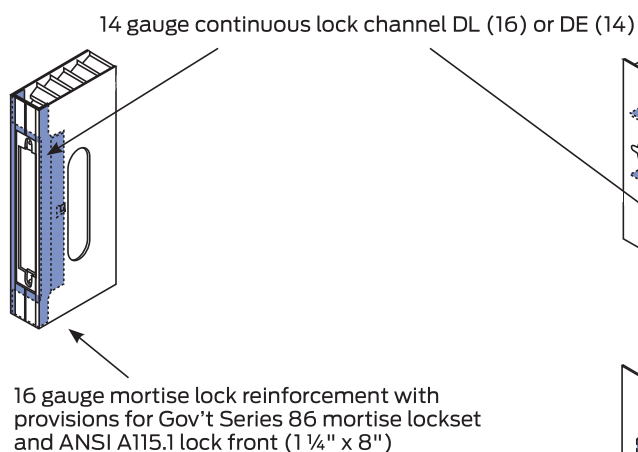


B



Template hinges on $1\frac{3}{4}$ " doors.

C



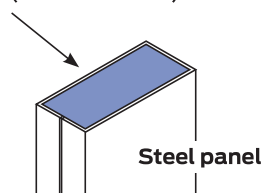
16 gauge steel cylindrical lock reinforcement with provisions for Gov't Series 160 or 161 cylindrical lock sets ($2\frac{3}{4}$ " backset) and ANSI A115.2 lock front ($1\frac{1}{8}$ " x $2\frac{1}{4}$ ")

Lever Lock Prep -161 DT (Modified 161 Prep) Conforms with the ANSI 115.18 161 lever lock specifications.

Warning: Use rose trim with a minimum diameter of $3\frac{5}{16}$ " to cover prep.

D Door top

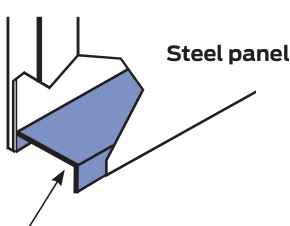
Continuous 16 gauge steel channel (standard flush)



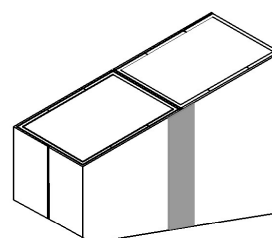
When closer reinforcement requested
14 gauge standard

E Door bottom

Approximate depth $\frac{9}{16}$ "



Continuous 16 gauge steel channel (standard inverted)



(2) Flat astragals for double doors (required on pairs)