

Doors • Bullet resistant

Bullet resistant (DE Series)

Bullet Resistant Doors shall be as manufactured or furnished by Republic Doors and Frames, McKenzie, Tennessee 38201. Tested in accordance to UL752 Ballistics Standards.

Thickness: 1 ¹³/₁₆" (+/- 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 10 gauge steel channel, projection welded at a maximum 5" on center. (Backset ¹/₄")

Lock Rail: Lock edge is non-beveled and reinforced with a continuous 14 gauge steel channel, projection welded at a maximum 5" on center. 16 gauge reinforcements for mortise or cylindrical locks are of an integral type in accordance with ANSI A115 Standards.

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

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

Cores Available: Bullet Resistant Core Only. Level 1 / Polystyrene, Levels 2-8 / Polystyrene with additional plating/reinforcing.

Face Skins: 14 gauge (Cold Rolled, Hot Rolled or A60 Galvannealed Steel)

Closer Reinforcement (Option): 14 gauge standard. (18" x 6") Only available on Level 1.

Size Availability: (Singles) Maximum 5'0" x 10'0" - (Pairs) (*Levels 1-3 only) Maximum 10'0" x 10'0" Note* (Astragal required on all paired openings)

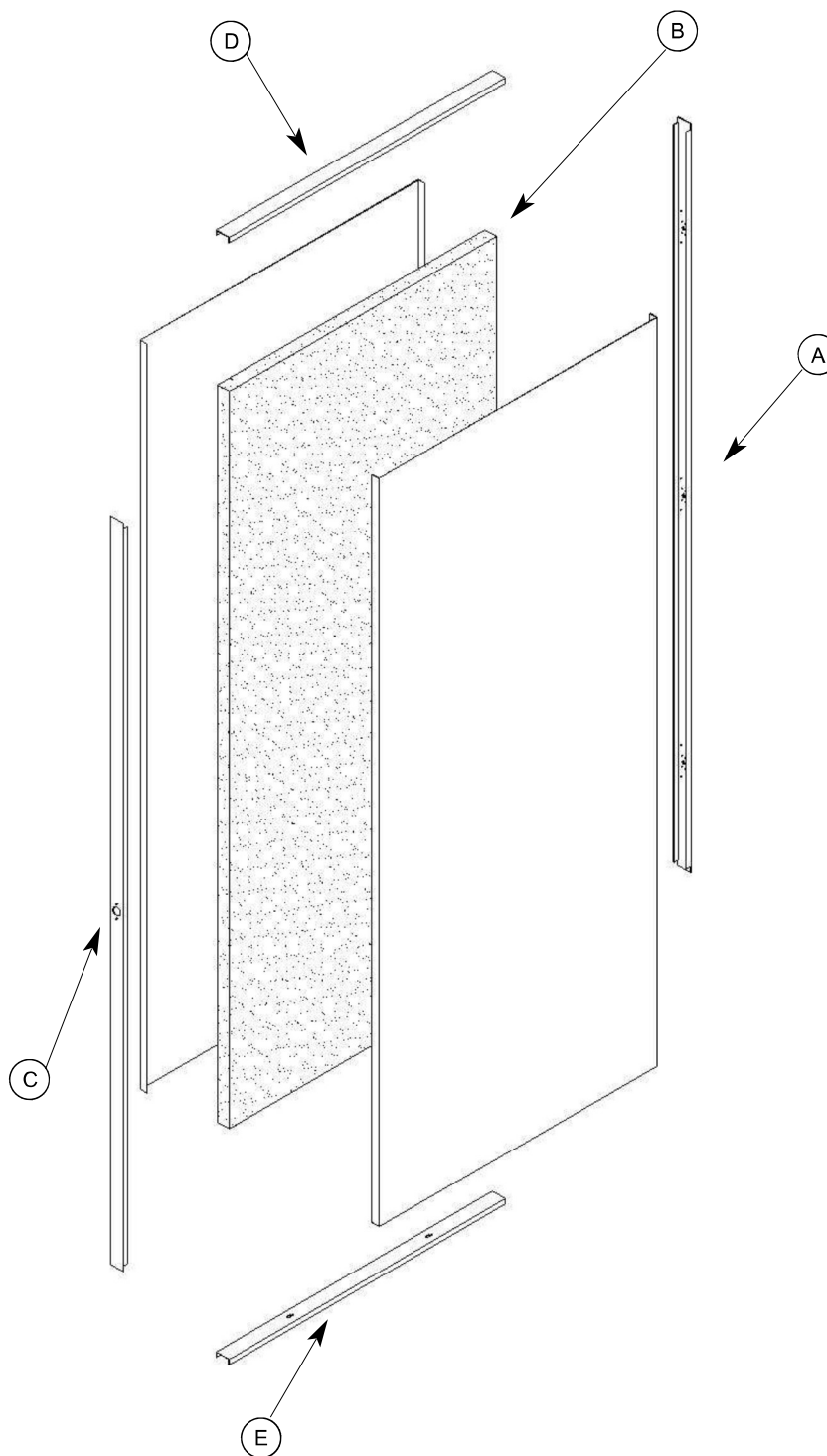
SDI 100 Level/Model: Levels 4 Model 2 (Maximum Duty Performance Level A) (Standard)

Edge Seam Construction: Intermittently welded seamless standard. (Option: continuously welded seamless).

Universal Standard/Heavy Weight Hinge: Hinge clips are used allowing for an easy modification from standard to heavy weight hinge prep. Levels 1, 2, 3 and 6 come standard with 4 ¹/₂" hinge preps up to 3480 doors - Levels 4, 5, 7 and 8 are recommended to be prepped for continuous geared hinge.

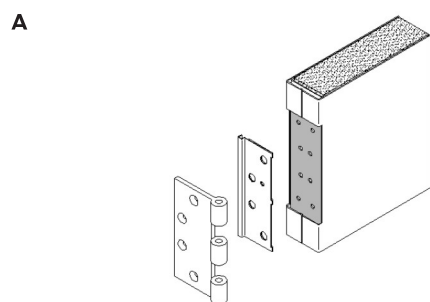
Handing Design: Non-Handed standard

Lite Kits: Available (Contact Factory)

Construction level 1**Note:** See details on next page

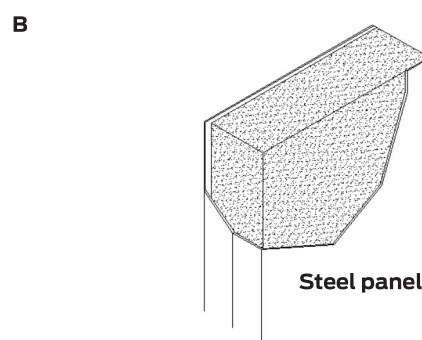
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Construction level 1

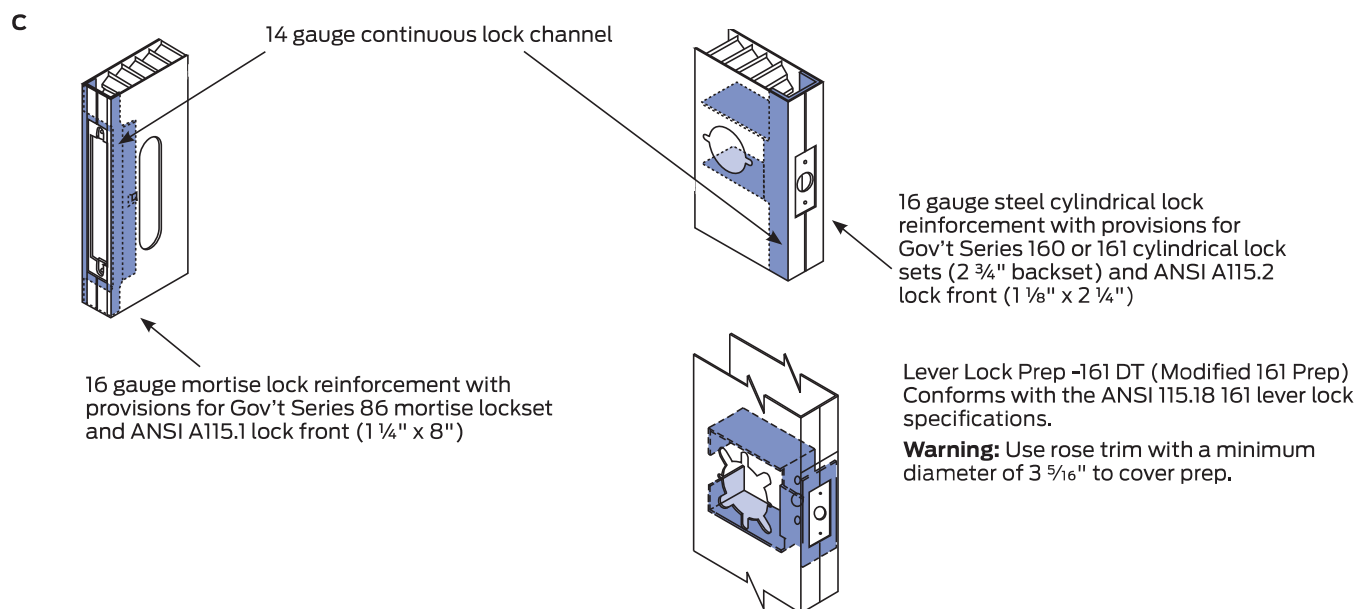


Shown: 4 1/2" or 5" full mortise template hinges on 1 3/4" doors.

10 gauge continuous hinge channel

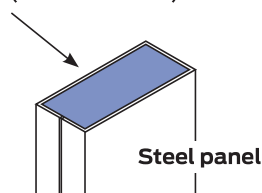


Polystyrene Level 1



D Door top

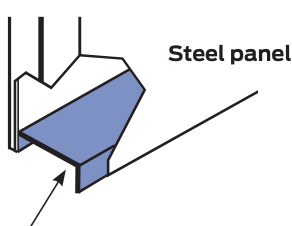
Continuous 16 gauge steel channel (standard flush)



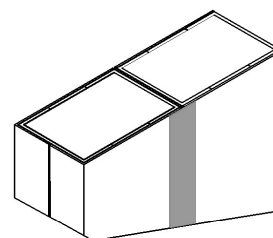
When closer reinforcement requested 14 gauge standard (Available on Level 1 only)

E Door bottom

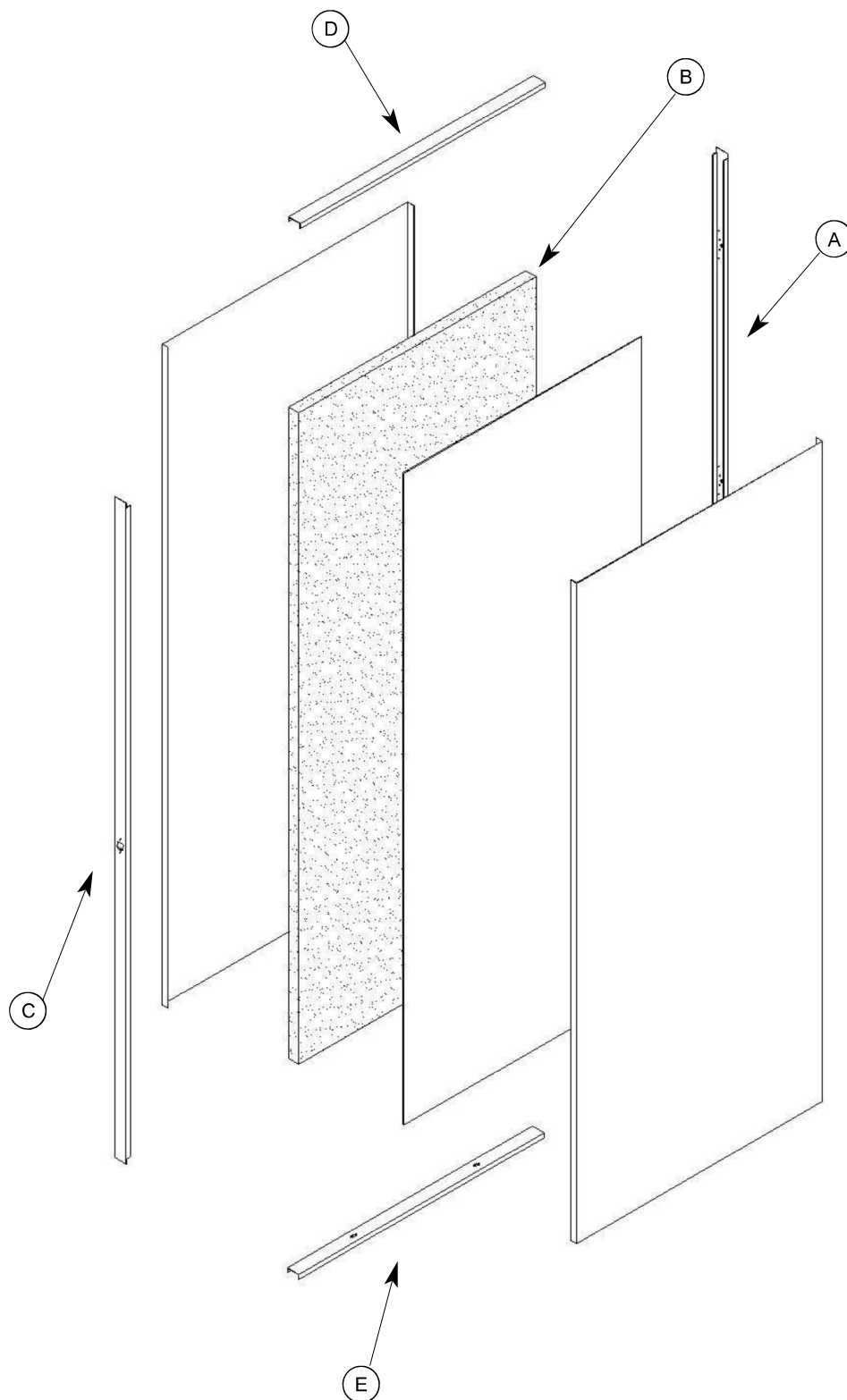
Approximate depth 9/16"



Continuous 16 gauge steel channel (standard inverted)



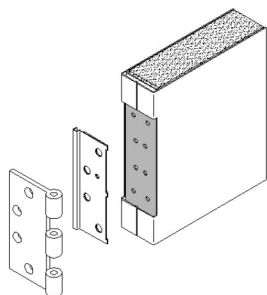
Flat astragal for double doors required (max Level 3)

Construction level 2 & 3**Note:** See details on next page

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Construction level 2 & 3

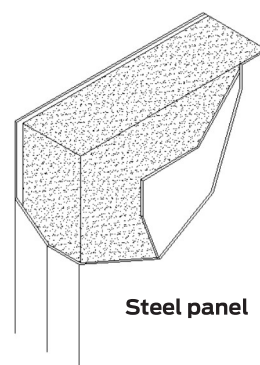
A



Shown: 4 1/2" x 4 1/2" full mortise template hinges on 1 3/4" doors.

10 gauge continuous hinge channel

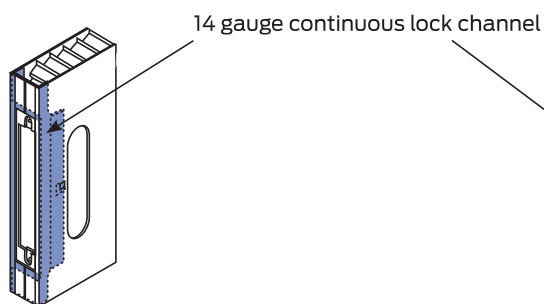
B



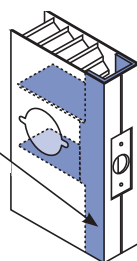
Steel panel

Polystyrene Armor Plate (Level 2 of 3)

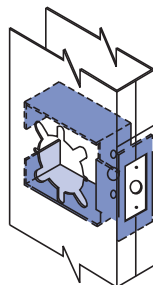
C



16 gauge mortise lock reinforcement with provisions for Gov't Series 86 mortise lockset and ANSI A115.1 lock front (1 1/4" x 8")



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

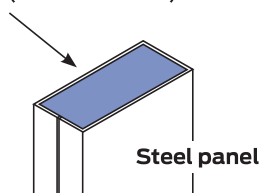


Lever Lock Prep -161 DT (Modified 161 Prep) Conforms with the ANSI 115.18 161 lever lock specifications.

Warning: Use rose trim with a minimum diameter of 3 5/16" to cover prep.

D Door top

Continuous 16 gauge steel channel (standard flush)

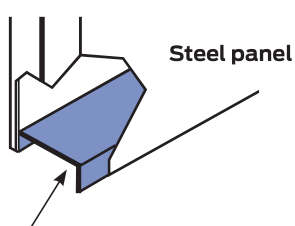


Steel panel

Closer reinforcement not available or necessary

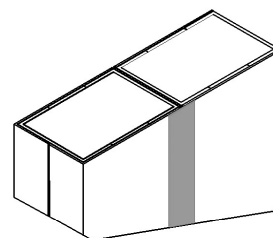
E Door bottom

Approximate depth 9/16"



Steel panel

Continuous 16 gauge steel channel (standard inverted)

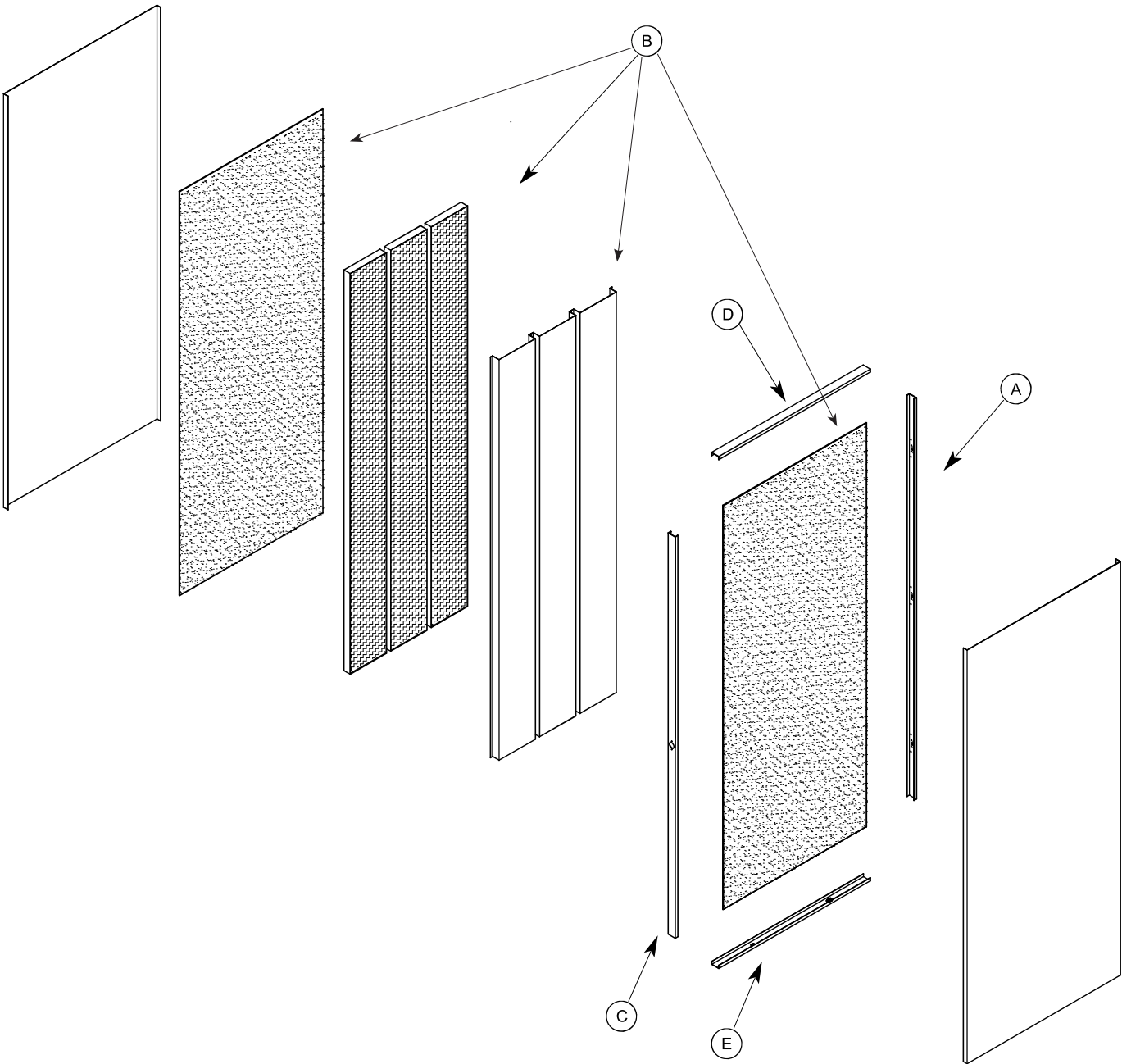


Flat astragal for double doors required (max Level 3)

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Construction level 4 thru 8

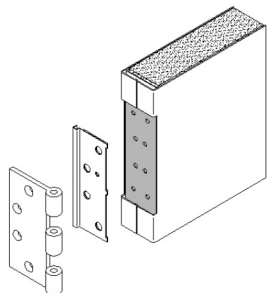
Note: See details on next page



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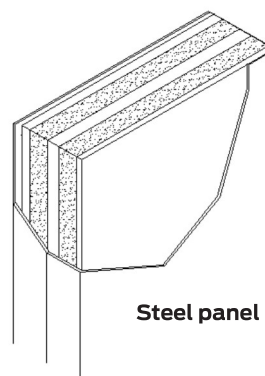
Construction level 4 thru 8

A



Shown: 4 ½" or 5" full mortise template hinges on 1 ¾" doors.
10 gauge continuous hinge channel.
Continuous hinge application recommended for levels 4 thru 8
due to weight.

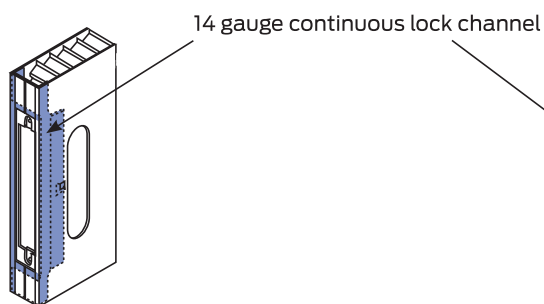
B



Steel panel

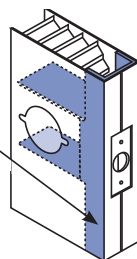
Republic proprietary Bullet Resistant Core

C

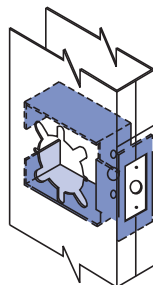


14 gauge continuous lock channel

16 gauge mortise lock reinforcement with
provisions for Gov't Series 86 mortise lockset
and ANSI A115.1 lock front (1 ¼" x 8")



16 gauge steel cylindrical lock
reinforcement with provisions for
Gov't Series 160 or 161 cylindrical lock
sets (2 ¾" backset) and ANSI A115.2
lock front (1 ⅞" x 2 ¼")

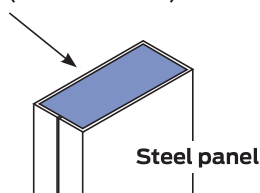


Lever Lock Prep -161 DT (Modified 161 Prep)
Conforms with the ANSI 115.18 161 lever lock
specifications.

Warning: Use rose trim with a minimum
diameter of 3 ⅝" to cover prep.

D Door top

Continuous 16 gauge steel
channel (standard flush)

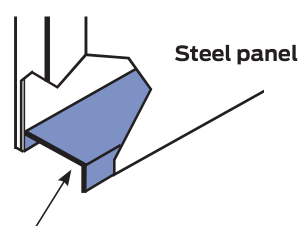


Steel panel

Closer reinforcement not available or necessary

E Door bottom

Approximate depth ⅞"



Steel panel

Continuous 16 gauge steel channel
(standard inverted)