

Republic

doors · frames



COMMERCIAL

EDUCATIONAL

HEALTHCARE

HOTEL/MOTEL

INDUSTRIAL

INSTITUTIONAL

Standard Hardware Preparation

LOCK PREPARATION:

1-3/4"(44) Doors	Cylindrical, Gov't 161	ANSI 115.2
	Mortise, Gov't 86	ANSI 115.1
1-3/8"(35) Doors	Cylindrical, Gov't 160	ANSI 115.3

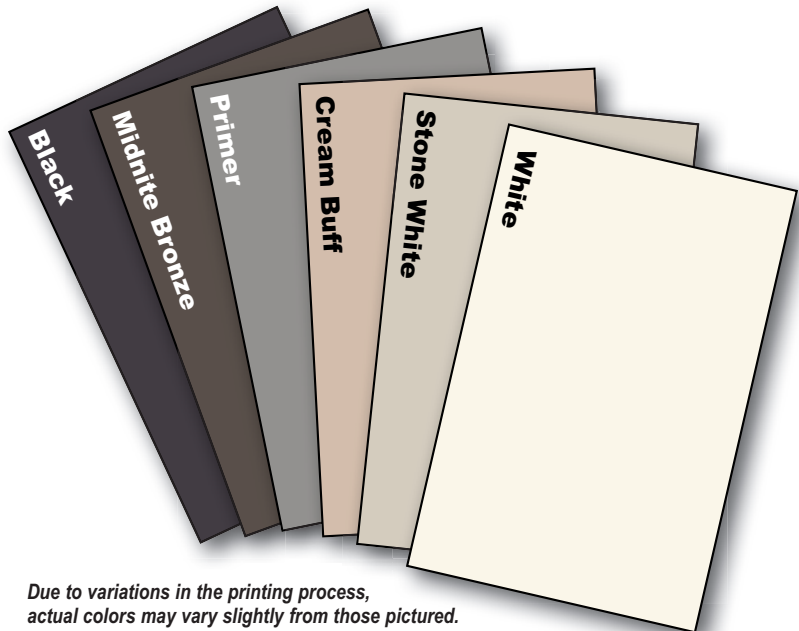
Other lock preparations available when specified.

HINGE PREPARATION:

1-3/4"(44) Doors	4-1/2" (114) x 4-1/2" (114) standard/heavy weight template hinges. 1-1/2 pair on 6'8" (2032), 7'0" (2134) and 7'2" (2184) doors. 2 pair on doors over 7'6" (2286).	
1-3/8"(35) Doors	3-1/2" (89) x 3-1/2" (89) standard weight template hinges. 1-1/2 pair on 7'0" (2134) and 7'2" (2184) doors. 1 pair on 6'8" (2032) doors. (1-1/2 pair on 6'8" (2032) fire rated doors).	

NOTE: When Government Series 86 lock is used (ANSI A115.1) dimension to center of lock is 3/8" (10) less than indicated.

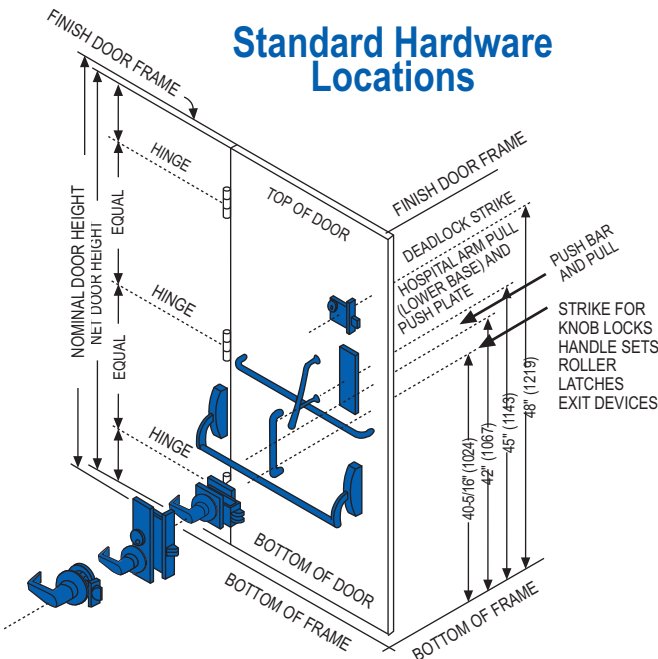
Republic Finish Paint Standard Colors



Due to variations in the printing process, actual colors may vary slightly from those pictured. Other colors are available upon request.



Standard Hardware Locations

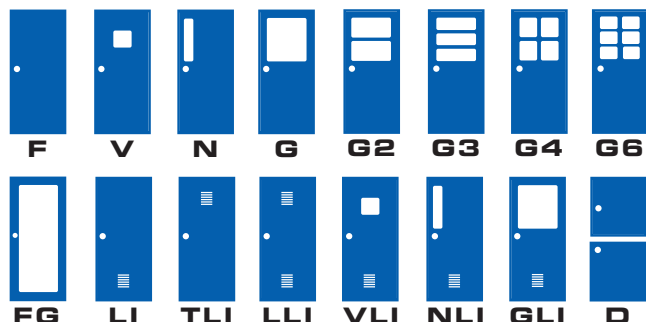


SDI Classifications

Grade	Model	Construction	RBP Series
I	Physical Performance Level C (1-3/4" (44) and 1-3/8" (35) Standard Duty	1 Full Flush	DM/DL 420, DE820/18
		2 Seamless	DM/DL 420, DE820/18
		Minimum Gage = 20	
II	Physical Performance Level B (1-3/4" (44) Only) Heavy Duty	1 Full Flush	DM 418, DL 418, DE 418, DS 418
		2 Seamless	DM 418, DL 418, DE 418, DS 418
		Minimum Gage = 18	
III	Physical Performance Level A (1-3/4" (44) Only) Extra-Heavy Duty	1 Full Flush (Varies)	DL 416, DE 416, DS 416
		2 Seamless (Varies)	DL 416, DE 416, DS 416
		3 Stile & Rail (Flush Panel)	NOT AVAILABLE
IV	Physical Performance Level A (1-3/4" (44) Only) Extra-Heavy Duty	1 Full Flush	DE 414, DS 414
		2 Seamless	DE 414, DS 414
	Minimum Gage = 14		

For complete standard steel door construction specifications and available sizes refer to ANSI/SDI-100. Selection of the appropriate standard steel door should be based on the following criteria:

1. Daily frequency of use (low, moderate, high).
2. Subjected to and possible degree of stress.
3. Hardware requirements.
4. Conformance to local building codes.
5. Door fire code regulations.
6. Sound retardation and/or insulation requirements.
7. Design and appearance.
8. Handicap access.



DM SERIES FLUSH DOORS

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doors · frames

DM Series Flush Doors

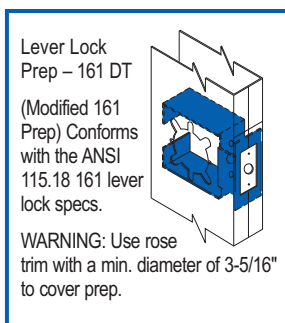
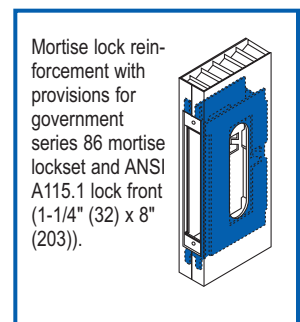
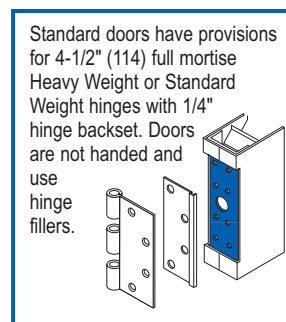
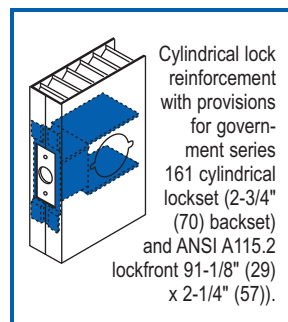
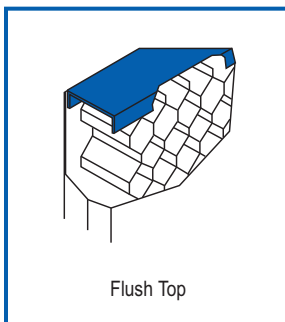
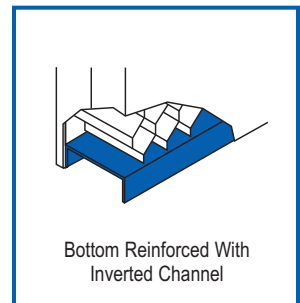
Republic's DM Series flush doors are all-purpose doors available in 20 and 18 gage cold-rolled or galvanized (A60) steel. Lock edge is continuously lap seam welded and planished (McKenzie Edge™), providing a nearly seamless and indestructible edge.

Standard Features

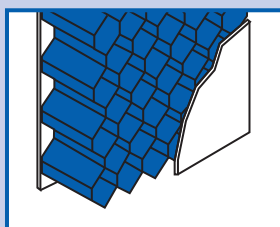
- 3/4" (19) cell honeycomb core 100% bonded to skins to provide exceptional strength, flatness and acoustical performance.
- Continuous flush, 16 gage top and inverted bottom channels projection welded to both face sheets every 2-1/2" on center.
- Hinge edge is non-beveled and reinforced with a continuous 16 gage channel projection welded to each skin at a maximum of 5" on center. Hinge channels have an additional 9 gage reinforcement at each hinge location, providing over 3/16" reinforcement (Backset 1/4").
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer.
- Doors are individually packaged and fully plastic wrapped to prevent damage.

Options

- Polystyrene core
- 14 gage closer reinforcement
- Finish paint (Republic standard and custom colors)

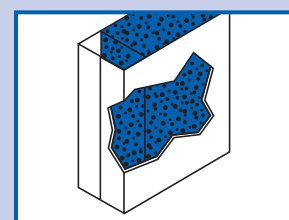


Cores Available For DM Series Doors



Honeycomb (Standard)

- Efficient in 95% of all weather conditions
- STC rating of 38 standard. U Factor of .342.



Polystyrene

- Solid Core
- Efficient in extreme weather conditions

DL Series Flush Doors

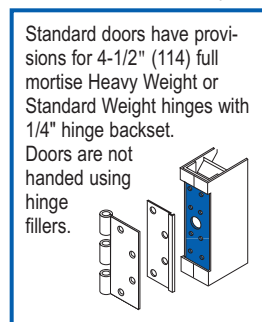
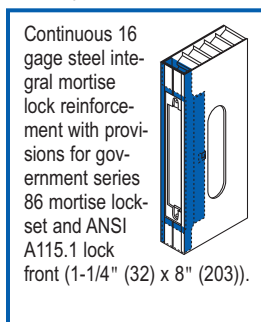
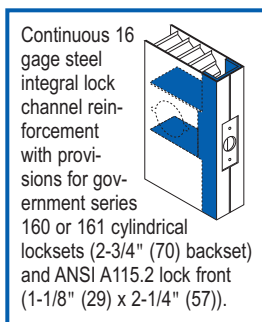
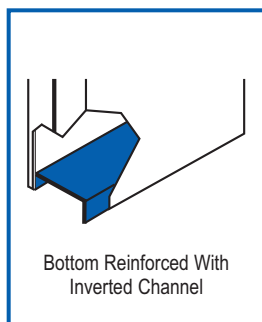
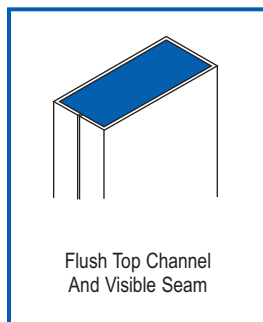
Republic's DL Series flush doors are available in 20, 18 and 16 gage steel. Cold-rolled or standard galvanized (A60) steel may be specified. Face sheets are continuously projection welded to hinge and lock channels on 5" centers.

- 3/4" (19) cell honeycomb core 100% bonded to skins to provide exceptional strength, flatness and acoustical performance.
- Lock edge is non-beveled (beveled optional) and reinforced with a continuous 16 gage steel channel. 16 gage reinforcements for mortised or cylindrical locks are of an integral type in accordance with ANSI A115 standards.
- Hinge edge is non-beveled and reinforced with a continuous 16 gage channel projection welded to each skin at a maximum of 5" on center. Hinge channels have an additional 9 gage reinforcement at each hinge location, providing over 3/16" reinforcement (Backset 1/4").
- Continuous flush, 16 gage top and inverted bottom channels projection welded to both face sheets every 2-1/2" on center.
- Size availability: minimum 1'0" (305) x 1'0" (305); maximum 5'0" (1524) x 10'0" (3048).
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer.
- Doors are individually packaged and fully plastic wrapped to prevent damage.

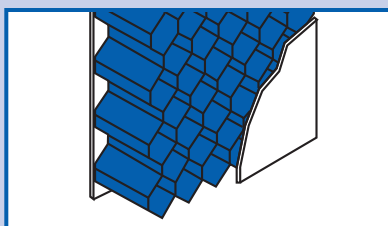
Options



- Continuously welded or bondo filled seams available
- Core options: polystyrene, polyurethane, steel stiffened and 250° temperature rise
- Lock edge beveled 1/8" in 2"
- When closer reinforcement required; 14 gage standard/12 gage optional
- Finish paint (Republic standard and custom colors)

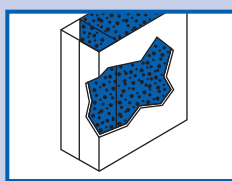


Cores Available For DL Series Doors



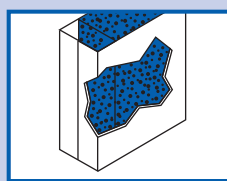
Honeycomb (Standard)

- Efficient in 95% of all weather conditions
- STC rating of 38 standard. U Factor of .342.



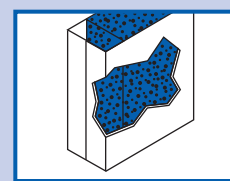
Polystyrene

- Solid core
- Efficient in extreme weather conditions.



Mineral Fiberboard

- Solid core
- Rated for max. of 250° temperature rise.



Polyurethane

- Solid core
- Recommended for use in Arctic conditions.

All Republic Series DE, DL, DS & DB Doors up to 4'0" x 10'0" (minimum width 2'0") can be continuously welded and seamless.

DE Series Doors

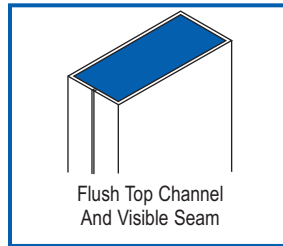
Republic's DE Series doors are available in 20, 18, 16 and 14 gage cold-rolled, (A60) galvanized and (G90) galvanized steel. Face sheets are continuously projection welded to hinge and lock channels on 5" centers. SDI Levels 1, 2, 3 and 4 - Physical performance levels A, B, C and D.

- 3/4" (19) cell honeycomb core 100% bonded to skins to provide exceptional strength, flatness and acoustical performance.
- Hinge edge is non-beveled and reinforced with a full height 10 gage steel channel projection welded at a max. of 5" on center.
- Continuous flush, 16 gage top and inverted bottom channels projection welded to both face sheets every 2-1/2" on center.
- Lock edge is non-beveled and reinforced with a continuous 14 gage steel channel, mortised and cylindrical lock reinforcements are integral 14 gage reinforcements.
- Doors are prepared for 4-1/2" standard or heavy weight, full mortise template hinges.
- Non-handed design (square lock edge).
- Size availability: minimum 1'0" (305) x 1'0" (305); maximum 5'0" (1524) x 10'0" (3048).
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer.
- Doors are individually packaged and fully plastic wrapped to prevent damage.

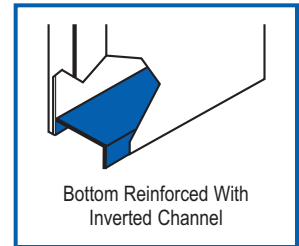
Options



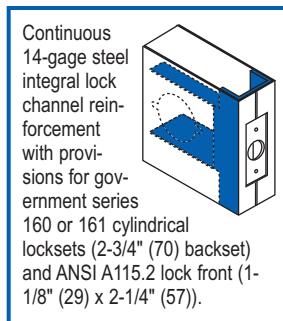
- When closer reinforcement required; 14 gage standard/12 gage optional
- A60 galvanized, G90 galvanized or textured wood-grain or leather-grain steel
- Continuously welded seamless design or filled seamless design



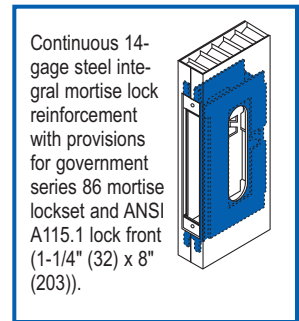
Flush Top Channel
And Visible Seam



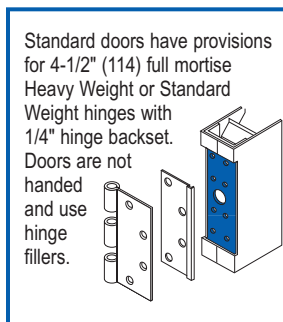
Bottom Reinforced With
Inverted Channel



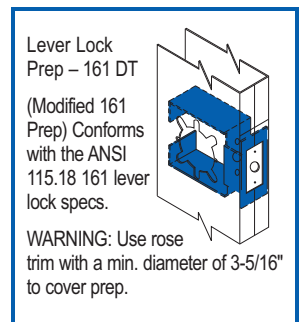
Continuous 14-gage steel integral lock channel reinforcement with provisions for government series 160 or 161 cylindrical locksets (2-3/4" (70) backset) and ANSI A115.2 lock front (1-1/8" (29) x 2-1/4" (57)).



Continuous 14-gage steel integral mortise lock reinforcement with provisions for government series 86 mortise lockset and ANSI A115.1 lock front (1-1/4" (32) x 8" (203)).



Standard doors have provisions for 4-1/2" (114) full mortise Heavy Weight or Standard Weight hinges with 1/4" hinge backset. Doors are not handed and use hinge fillers.



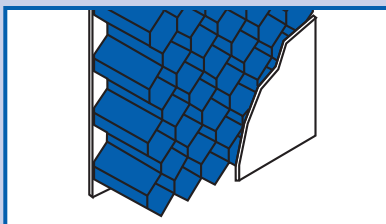
Lever Lock Prep - 161 DT

(Modified 161 Prep) Conforms with the ANSI 115.18 161 lever lock specs.

WARNING: Use rose trim with a min. diameter of 3-5/16" to cover prep.

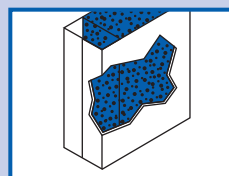
- Lock edge beveled 1/8" in 2"
- Polystyrene, mineral fiberboard and polyurethane solid cores or steel stiffened
- Finish paint (Republic standard and custom colors)

Cores Available For DE Series Doors



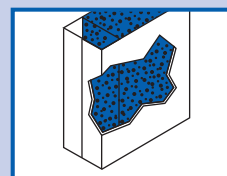
Honeycomb (Standard)

- Efficient in 95% of all weather conditions
- STC rating of 38 standard. U Factor of .342.



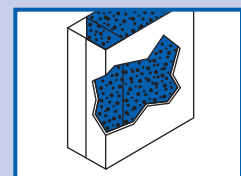
Polystyrene

- Solid core
- Efficient in extreme weather conditions.



Mineral Fiberboard

- Solid core
- Rated for max. of 250° temperature rise.



Polyurethane

- Solid core
- Recommended for use in Arctic conditions.

All Republic Series DE, DL, DS & DB Doors up to 4'0" x 10'0" (minimum width 2'0") can be continuously welded and seamless.

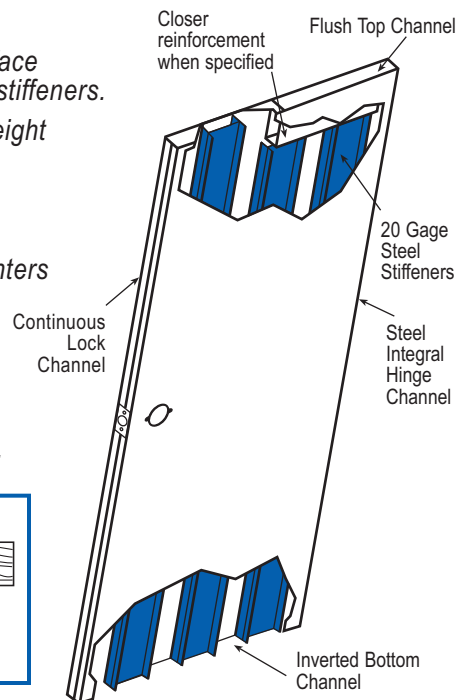
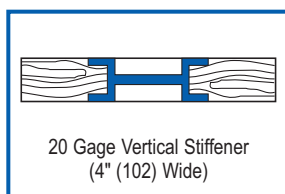
DL & DE Series Steel Stiffened Doors

Republic's DL and DE Series steel stiffened doors are available in 20, 18, 16, or 14 gage cold-rolled, (A60) galvanized and (G90) galvanized steel. SDI Levels 1, 2, 3 and 4 - Physical performance levels A, B, C and D.

- Doors have vertical stiffeners of 20 gage spaced 6" apart and are welded to face sheets on 5" centers with mineral wool or fiberglass batt insulation between stiffeners.
- Lock edge is beveled or non-beveled and reinforced with a continuous, full-height channel. Hinge edge is non-beveled and reinforced with full height channels.
- Face sheets are continuously projection welded to hinge and lock channels on 5" centers.
- Doors have flush top and inverted bottom 16 gage channels welded on 2" centers
- Size availability: minimum 1'0" (305) x 1'0" (305); maximum 5'0" (1524) x 10'0" (3048).
- Doors are cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer.
- Doors are individually packaged and fully plastic wrapped to prevent damage.

Options

- When closer reinforcement requested; 14 gage standard/12 gage optional
- 18 or 16 gage vertical stiffeners
- Finish paint (Republic standard and custom colors)



UNIFIT™ Replacement Doors

Republic's DM Series Unifit™ replacement doors are made of 20 or 18 gage cold-rolled or (A60) galvanized steel and laminated to a honeycomb core that completely fills the inside of each door. The hinge edge is reinforced with a 10 gage channel. Additional reinforcing is welded to the channel to provide a full 3/16" hinge reinforcement at any location. Lock edges are square and continuously lap seam welded and planished.

Unifit™ doors can be quickly modified to match any hinge or lock location **without** having to drill, plug weld and finish at each hinge location!

Options

- Available in DL & DE Series construction
- Polystyrene, polyurethane, steel stiffened and mineral fiberboard cores available
- 16 gage doors available in DL Series only



Hinge Channel

- Continuous 10 gage Hinge Channel
- Channel Depth - .190" - (Heavyweight Hinge)
For use with heavy weight or standard weight hinges and hinge fillers.
- Hinge Channel Locator Holes - 3-5 Required
(For manufacturing purposes only).
- No Cutouts or Holes for Hinges
- Lock Edge - No Cutouts in Edge or Faces
- Gage - 18 Gage Face Sheets

All UNIFIT™ Doors have a continuous hinge reinforcement channel.

DL SERIES EMBOSSED PANEL DOORS

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DL Series Embossed Panel Doors

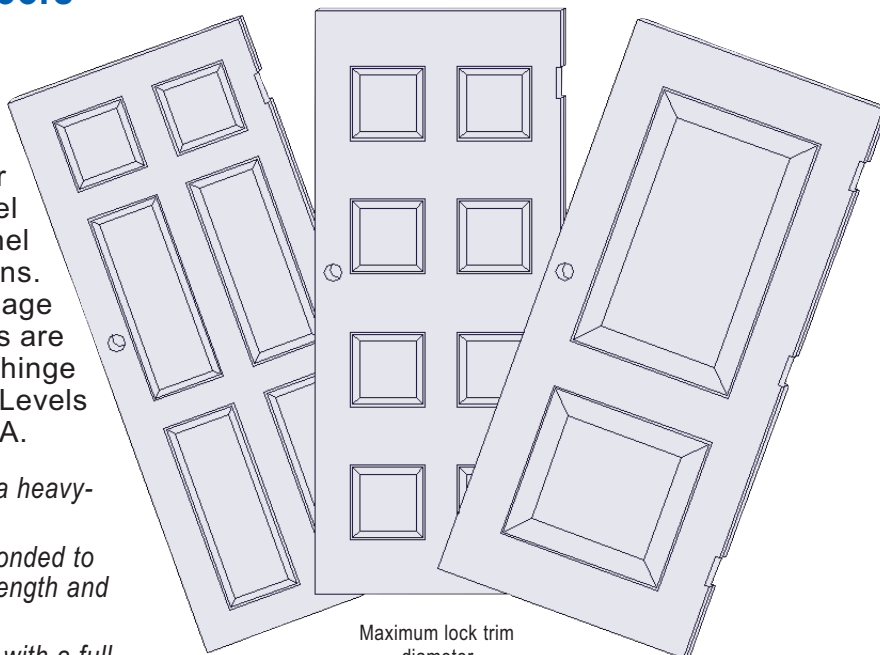
Commercial Steel Door Performance With Decorative Panel Designs.

Republic offers the widest variety of embossed panel doors such as our traditional 6-panel design, 8' 6-panel design with elongated panels, 2-panel colonial design and 8-panel designs. Doors are available in 20 and 18 gage galvanized (A60) steel. Face sheets are continuously projection welded to hinge and lock channels on 5" centers. SDI Levels 2 and 3 - Physical performance level A.

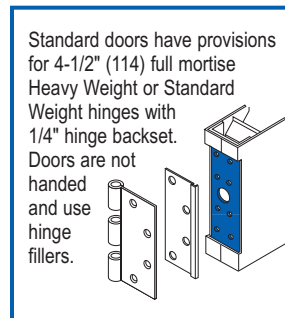
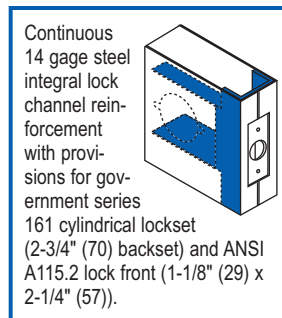
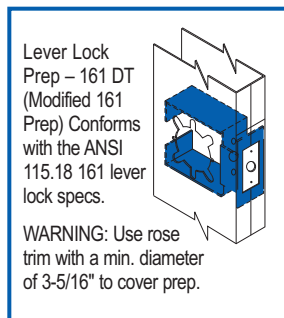
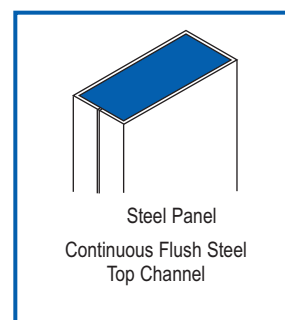
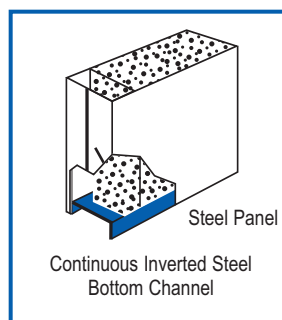
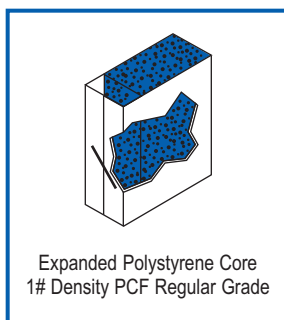
- 1-3/4" (44.4) design, rated for light to extra heavy-duty use.
- Polystyrene core (one lb. density) 100% bonded to skins to provide exceptional insulation, strength and flatness.
- Hinge edge is non-beveled and reinforced with a full height 16 gage steel channel projection welded at a maximum of 5" on center with an additional 9-gage reinforcement plate at each hinge location, providing more than 3/16" (5) of total reinforcement.
- Continuous flush, 16 gage top and inverted bottom channels projection welded to both face sheets every 2-1/2" on center.
- Lock edge is non-beveled and reinforced with a continuous 16 gage channel, mortised and cylindrical lock reinforcements are integral 16 gage reinforcements.
- Non-handed design (square lock edge).
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer.
- Doors are individually packaged and fully plastic wrapped to prevent damage.

Options

- When closer reinforcement requested; 14 gage standard/12 gage optional
- 16 gage (6-panel and 4-panel only)
- Sizes available: Minimum 2'6" x 6'8"; Maximum 3'8" x 8'0" (20 gage available in 3070 or smaller only) (2'6" requires special lock height)
- Finish paint (Republic standard and custom colors)
- Wood grain embossed (Available 6 panel only)(contact factory)
- STC 40 (6-panel only)



Maximum lock trim diameter is 3-1/2" (80) on 2'8" doors.



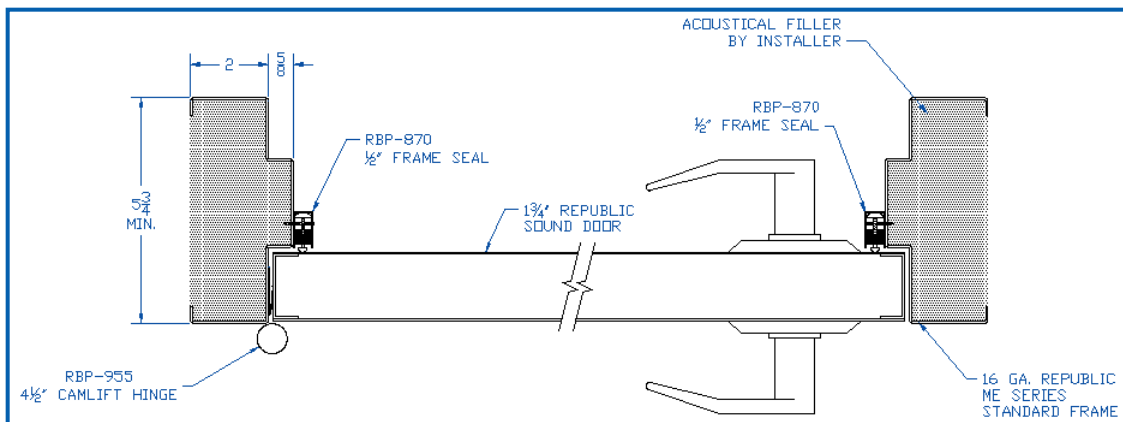
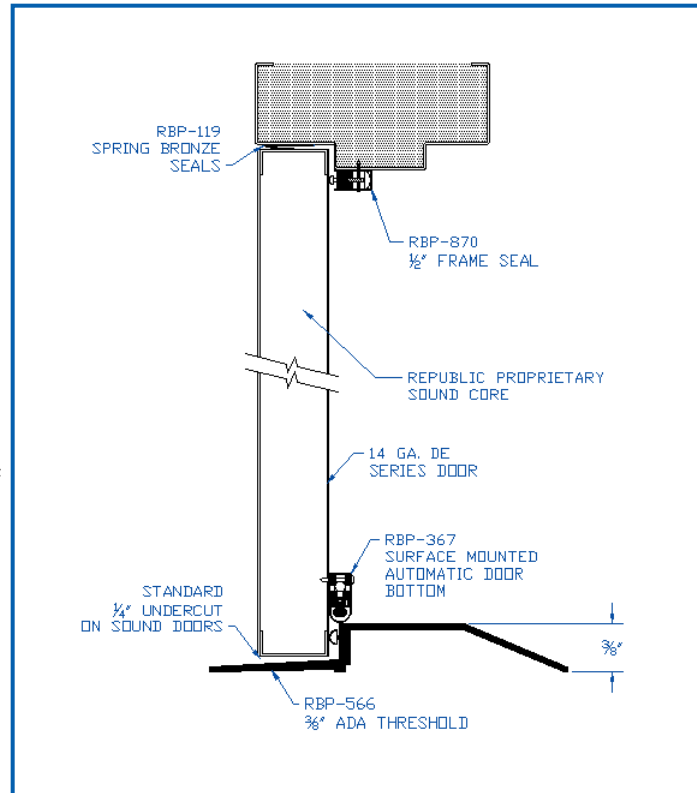
Acoustical (STC Rated) Doors (DE & DL Series)

Republic's acoustical/sound transmission control doors are tested in accordance with ASTM E90 and E413 and are available in STC ratings of 35, 38, 42, 48, 50 and 52. Doors are available in cold-rolled steel or galvanized (A60) steel. Face sheets are continuously welded to hinge and lock channels. SDI Level 4 - Physical performance level A.

- 1-3/4" (44.4) full flush design, rated for maximum-duty use.
- Proprietary sound resistant core.
- Hinge edge is non-beveled and reinforced with a full height 16 or 10 gage steel channel projection welded at a maximum of 5" on center.
- 16 gage flush top and bottom channels projection welded to both skins on 2-1/2" centers.
- Lock edge is non-beveled and reinforced with a continuous 16 or 14 gage channel, mortised and cylindrical lock reinforcements are integral 16 or 14 gage reinforcements.
- Seamless vertical edges on STC 48, 50 and 52.
- Doors are prepared for 4-1/2" standard or heavy weight, full mortise template hinges. (Come standard with 5-10 & Equal hinge locations)
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer
- Doors are individually packaged and fully plastic wrapped to prevent damage.
- Furnished as a complete unit with door, frame, perimeter seals, door bottom and threshold.

Options

- When closer reinforcement requested; 14 gage standard/12 gage optional
- A60 galvanized or G90 galvanized
- Lock edge beveled 1/8" in 2"
- Glass lights (contact factory)
- Sizes available: Maximum 4'0" (1219) x 8'0" (2438) single, 8'0" (2438) x 8'0" (2438) pair
- Finish paint (Republic standard and custom colors)



BULLET RESISTANT DOORS (DE SERIES)

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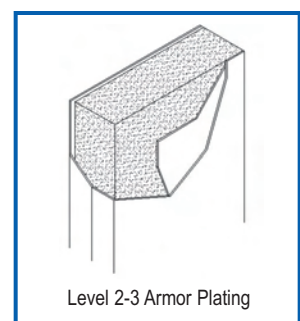
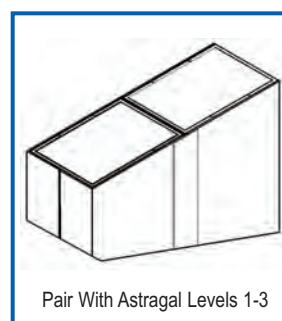
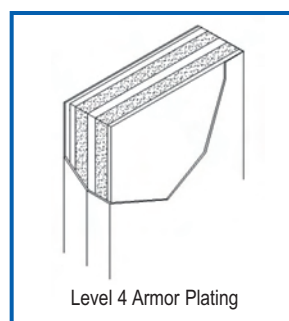
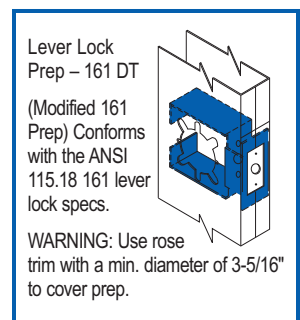
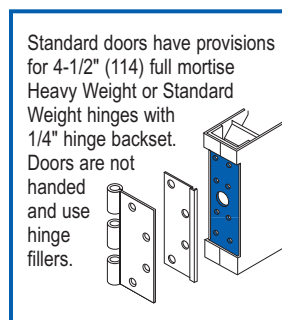
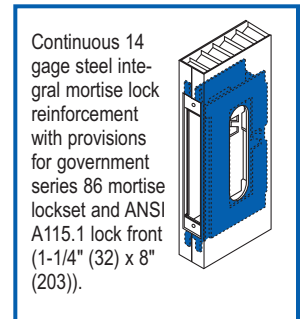
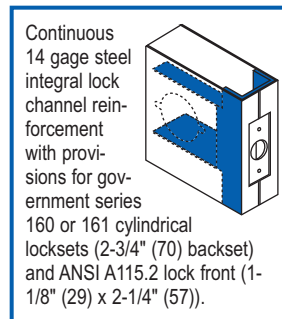
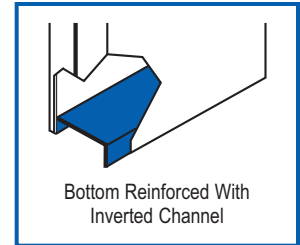
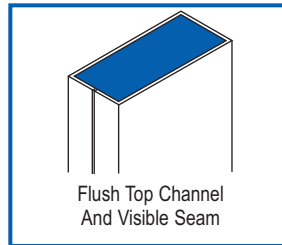
Bullet Resistant Doors (DE Series)

Republic's bullet resistant DE Series doors are tested and labeled in accordance with UL752 and are available in all eight levels of bullet resistant protection. Doors are available in cold-rolled steel or galvanized (A60) steel. Face sheets are continuously welded to hinge and lock channels on 5" centers. SDI Level 4 - Physical performance level A.

- 1-3/4" (44.4) full flush design, rated for maximum-duty use.
- Polystyrene or mineral wool insulation.
- Hinge edge is non-beveled and reinforced with a full height 10 gage steel channel projection welded at a maximum of 5" on center.
- 16 gage flush top and inverted bottom channels welded to both skins.
- Lock edge is non-beveled and reinforced with a continuous 14 gage channel, mortised and cylindrical lock reinforcements are integral 14 gage reinforcements.
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer.
- Doors are individually packaged and fully plastic wrapped to prevent damage.

Options

- When closer reinforcement requested; 14 gage standard/ 12 gage optional
- A60 galvanized or G90 galvanized
- Continuously welded seamless design or filled seamless design
- Lock edge beveled 1/8" in 2"
- Pairs (must incorporate an astragal)
- Sizes available: Minimum 1'0" (305) x 1'0" (305); Maximum 5'0" (1524) x 10'0" (3048)



Hurricane Resistant Doors and Frames

Over the last decade, the United States has experienced numerous hurricanes that have inflicted loss of life and property damage in excess of 40 billion dollars. In response, many coastal regions are now adopting strict building code provisions intended to enhance the structural integrity of commercial buildings.

Republic offers a wide variety of hurricane tested and certified door and frame products both as components and as complete assemblies. The following chart depicts the extensive testing that Republic has done along with size and hardware configurations approved by the state of Florida for coastal areas subject to the damaging effects of hurricanes/windstorm force winds and debris.



Republic Windstorm Product Matrix (ANSI A250.13 Severe Windstorm Components for Swinging Door Assemblies)										
Design Pressure (psf)	Certification	Max. Size W x H	Doors			Type	Frames		Hardware	
			Model	Gage / Style	Swing		Gage / Construction	Wall Anchorage	Locks and Latches	Surface Bolts
+/- 114	ITS Test Report #3058531-01 FBC # FL4304	3'0" x 7'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Mortise Lock Cylindrical Lock	N/A
+/- 100	ITS Test Report #3058531-01 FBC # FL4304	3'0" x 8'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Mortise Lock Cylindrical Lock	N/A
+/- 80	ITS Test Report #3091364 FBC # FL8839	3'0" x 7'0"	DL & DM Series 2, 4, & 6 Panel Doors (Poly Core)	18 Embossed	Inswing & Outswing Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Safelok Card Lock Mortise Lock Cylindrical Lock	N/A
+/- 75	ITS Test Report #3058531-01 FBC # FL4304	4'0" x 8'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Mortise Lock Cylindrical Lock	N/A
+/- 60	ITS Test Report #3080611 FBC # FL7133	4'0" x 8'0"	DL Series (Honeycomb)	16 Full Louver (24" x 64")	Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 50	ITS Test Report #3091362-001 FBC # FL7175	12'8" x 10'4" Storefront w/8080 pair doors	DL Series (Honeycomb)	18 Full Glass (36" x 75") maximum	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) Welded Unit	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 90	ITS Test Report #3058531-02 FBC # FL4304	6'0" x 7'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 80	ITS Test Report #3058531-02 FBC # FL4304	6'0" x 8'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 60	ITS Test Report #3058531-02 FBC # FL4304	8'0" x 8'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 60	ITS Test Report #3080611 FBC # Pending	8'0" x 8'0"	DL Series (Honeycomb)	16 Full Louver (24" x 64")	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 70	ITS Test Report #3080611 FBC # FL7133	8'0" x 8'0"	DL Series (Honeycomb)	16 Flush	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock	3/4" x 3/4"

Republic approved assemblies include but are not limited to the following hardware brands: DORMA, Precision Hardware, Hager, Best Access, Rockwood, NGP, Pemko, Reese, Schlage, Yale

FEMA 320/361 TORNADO DOORS (DE)

Republic
doors · frames

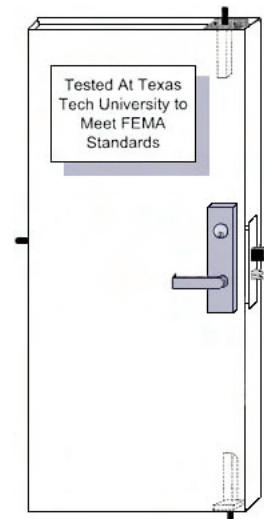
FEMA 320 & 361 Tornado Doors (DE Series)

Republic's FEMA-approved doors are tested and labeled in accordance with FEMA 320 and 361 guidelines for above ground storm shelters. Doors are available in cold-rolled or galvanized (A60) steel. Face sheets are continuously projection welded to hinge and lock channels on 5" centers. SDI Level 4 - Physical performance level A. Testing was conducted by Intertek Testing Services in accordance with FEMA 320 and FEMA 361, following the standard test methods of ICC 500-08 ICC/NSSA Standard for the Design and Construction of Storm Shelters.

- 1-3/4" (44.4) full flush design, rated for maximum-duty use.
- Mineral wool insulation.
- Hinge edge is non-beveled and reinforced with a full height 10 gage steel channel projection welded at a maximum of 5" on center.
- 14 gauge inverted top and 16 gage inverted bottom channels welded to both skins every 2-1/2" on center .
- Lock edge is non-beveled and reinforced with a continuous 14 gage channel, mortised and cylindrical lock reinforcements are integral 14 gage reinforcements.
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer.
- Doors are individually packaged and fully plastic wrapped to prevent damage.
- Approved hardware : Securitech 4340, 5000, 8000 series, Medeco Maxum deadbolts, Sargent 7100, 8700 series and Corbin 6800 series

Options

- When closer reinforcements requested 14 gage standard/12 gage optional
- A60 galvanized or G90 galvanized
- Continuously welded seamless design or filled seamless design
- Lock edge beveled 1/8" in 2"



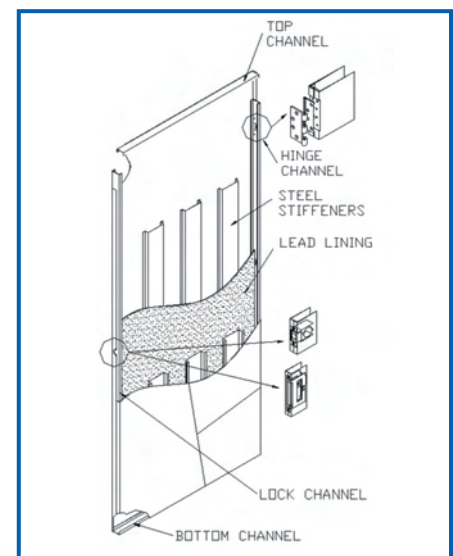
Lead-Lined Doors (DE & DL Series)

Republic's lead-lined doors are available in 20, 18, 16 and 14 gage cold-rolled steel or galvanized (A60) steel. Face sheets are continuously projection welded to hinge and lock channels on 5" centers. SDI Levels 1, 2 and 3 - Physical performance levels A, B, C and D.

- Doors have vertical stiffeners of 20 gage spaced 6" apart and are welded to face sheets on 5" centers with mineral wool or fiberglass batt insulation between stiffeners.
- 1/16" lead (standard).
- Lock edge is beveled or non-beveled and reinforced with a continuous full height channel. Hinge edge is non-beveled and reinforced with full height channels.
- Doors have flush top and inverted bottom 16 gage channels welded on 2-1/2" centers.
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force-cured rust inhibiting primer.
- Doors are individually packaged and fully plastic wrapped to prevent damage.

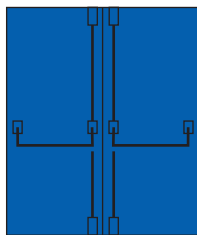
Options

- When closer reinforcement requested; 14 gage standard/12 gage optional
- Various lead thicknesses

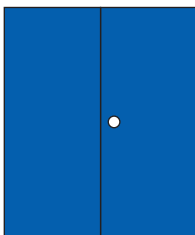


Pairs of Doors Without Astragal

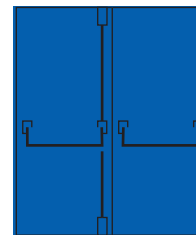
■ Mortise and vertical rod exit devices with open or closed back strike.



■ Mortise or cylindrical lock with open or closed back strike and flush bolts.

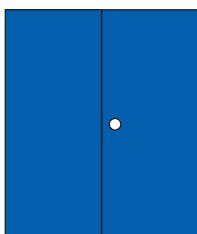


■ Surface or concealed vertical rod exit device on each leaf (two active leaves) or rim exit device with hardware mullion (two active leaves).



Pairs of Doors With Astragal

■ Mortise or cylindrical lock with open or closed back strike and flush bolts.



UL & WH/ITS Label
Tested to UBC 7-2 and UL 10C
Positive Pressure Standard

WH/ITS Label Only
Tested to UBC 7-2 and UL 10C
Positive Pressure Standard



Door Type (w/o Astragal)	Maximum Size	Rating Available
DE 420 (Temperature Rise)	6072 (1829 x 2184)	1-1/2 Hour, 3/4 Hour
DE 418 (Temperature Rise)	8080 (2438 x 2184)	1-1/2 Hour, 3/4 Hour
DE & DL 418	80100 (2438 x 3048)	1-1/2 Hour., 3/4 Hour, 20 Minutes
DE & DL 418	80100 (2438 x 3048)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 418 (Insulated)	8080 (2438 x 2438)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416	8090 (2438 x 2743)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416	80100 (2438 x 3048)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416 (Insulated)	8080 (2438 x 2438)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DM 420	8080 (2438 x 2438)	1-1/2 Hour., 3/4 Hour, 20 Minutes
DM 418	8080 (2438 x 2438)	1-1/2 Hour., 3/4 Hour, 20 Minutes
DS 418	8080 (2438 x 2438)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DS 416	8080 (2438 x 2438)	1-1/2 Hour, 3/4 Hour, 20 Minutes
UNIFIT™	8080 (2438 x 2438)	1-1/2 Hour, 3/4 Hour, 20 Minutes

Door Type (with Astragal)	Maximum Size	Rating Available
DE 820	6072 (1829 x 2184)	1-1/2 Hour., 3/4 Hour, 20 Minutes
DE 818	6072 (1829 x 2184)	1-1/2 Hour., 3/4 Hour, 20 Minutes
DM 820	6072 (1829 x 2184)	1-1/2 Hour., 3/4 Hour, 20 Minutes
DE 420 (Temperature Rise)	6072 (1829 x 2184)	3 Hour, 1-1/2 Hour, 3/4 Hour
DE 418 (Temperature Rise)	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour
DE 414	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 420	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 420 (Insulated)	6072 (1829 x 2184)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 418	80100 (2438 x 3048)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 418	80100 (2438 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 418 (Insulated)	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416	8090 (2438 x 2743)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416	80100 (2438 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416 (Insulated)	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DM 420	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DM 418	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DS 418	80100 (2438 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DS 416	80100 (2438 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
UNIFIT™	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes

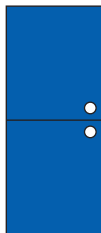
Single Doors

- Doors may be fabricated from cold-rolled or galvanized steel.
- 16, 18 or 20 gage Unifit™ doors can be labeled after the appropriate preparations are added by an authorized U.L. or W.H. warehouse or distributor. Maximum size 20 gage Unifit™ door is 3072.
- DE 418 and 420 doors may be full flush or six-panel embossed design. Six-panel doors are available as insulated only.



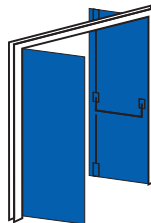
Dutch Doors

- Dutch doors must have an astragal attached to bottom of top leaf.
- A half shelf is optional.
- Lock provision may be for either cylindrical or mortise lock sets.
- Louvers are not permitted.
- Glass lights permitted in 1-1/2 hr., 3/4 hr. and 20 min. rated doors.



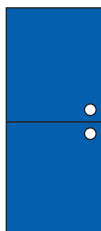
Double Egress Doors

- Surface mounted or concealed vertical rod device hardware is required on each leaf.
- Series doors exceeding 1-1/2 hour rating require an astragal.
- Glass lights permitted up to 100 sq. in. of exposed glass per leaf in 1-1/2 hour rated doors and 1296 sq. in. of exposed glass per light in 3/4 hour rated doors.



Fusible Link Louver Doors

- Maximum louver size: 24" x 24" (610) per door leaf. Not available with glass lites or fire exit hardware.





Door Type (Single)	Maximum Size	Rating Available
DE 820	3072 (914 x 2184)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE 818	3072 (914 x 2184)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DM 820	3072 (914 x 2184)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE 420 (Temperature Rise)	3072 (914 x 2184)	3 Hour, 1-1/2 Hour, 3/4 Hour
DE 418 (Temperature Rise)	4080 (1219 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour
DE 414	40100 (1219 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 420	4080 (1219 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 420 (Insulated)	3072 (914 x 2184)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 418	4090 (1219 x 2743)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 418	40100 (1219 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 418 (Insulated)	4080 (1219 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416	40100 (1219 x 3048)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416	40100 (1219 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416 (Insulated)	4080 (1219 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DM 420	4080 (1219 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DM 418	4080 (1219 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DS 418	40100 (1219 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DS 416	40100 (1219 x 3048)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
UNIFIT™	4080 (1219 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes

Door Type (Dutch)	Maximum Size	Rating Available
DL 420	3072 (914 x 2184)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DL 418	4072 (1219 x 2184)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE 420	3072 (914 x 2184)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE 418	4072 (1219 x 2184)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes

Door Type (Double Egress)	Maximum Size	Rating Available
DM 418	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE 420 (Insulated)	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE 418 (Insulated)	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 420	8080 (2438 x 2438)	3 Hour, 1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 418	8080 (2438 x 2438)	1-1/2 Hour, 3/4 Hour, 20 Minutes
DE & DL 416	8080 (2438 x 2438)	1-1/2 Hour, 3/4 Hour, 20 Minutes

Door Type (Link Louver)	Maximum Size	Rating Available
DE 416	3672 (1067 x 2184)	1-1/2 Hour, 3/4 Hour
DE & DL 420	3072 (914 x 2184)	1-1/2 Hour, 3/4 Hour
DE & DL 418	3672 (1067 x 2184)	1-1/2 Hour, 3/4 Hour
DL 418	3672 (1067 x 2184)	1-1/2 Hour, 3/4 Hour
DM 420	3072 (914 x 2184)	1-1/2 Hour, 3/4 Hour

 UL & WH/ITS Label
Tested to UBC 7-2 and UL 10C
Positive Pressure Standard

 WH/ITS Label Only
Tested to UBC 7-2 and UL 10C
Positive Pressure Standard



Universal & Drywall Frames

ME Series Universal Frames and MH Series Drywall Frames are constructed to conform to Steel Door Institute Standard ANSI A250.8-1-1998 (SDI-100).

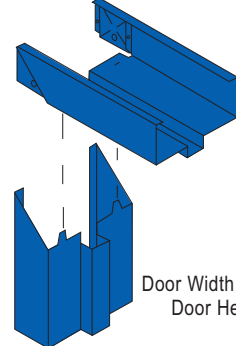
ME/MH Series Frames are formed from 14, 16 or 18 gage cold-rolled steel, hot rolled steel or galvanized steel (14 gage max. height of 10'0"). Frames may be either knocked-down or have corners welded and ground smooth. Knockdown corners have aligning tabs and slots for secure, easy interlocking of jambs to head.

Frames are provided with 9/32" silencer preparation, (3) per strike jamb and (2) per head for double openings for field application after finish painting. Frames for 1-3/4" (44) doors shall have 9 gage steel universal hinge tap plate projection welded with provisions for 4-1/2" (114) x 4-1/2" (114) template type hinges and 14 gage steel strike reinforcement plate, extruded and formed to the equivalent of 10 gage, projection welded with provision for Universal ANSI A115.1 or ANSI A115.2 strike.

Frames for 1-3/8" (35) doors shall have 11 gage steel hinge reinforcement plates projection welded with provisions for 3-1/2" (89) x 3-1/2" (89) template type hinges and 14 gage steel strike reinforcement plate projection welded with provision for cylindrical ANSI A115.2 strike.

Optional reinforcement for surface closer made of 12 gage steel. Optional reinforcement provided for other hardware when required.

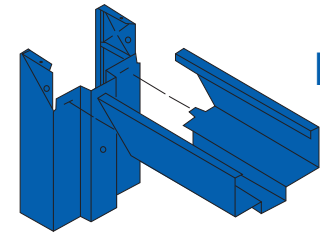
For more detailed information regarding universal and drywall frames, please request Republic Technical Data Manual. 12 gage masonry frames also available.



ME Universal Miter

Rough Opening Required For Butted Universal Frame

Door Width Opening + 2 Times Face Dimension + 1/2"
Door Height Opening + Face Dimension + 1/4"
(10' maximum height)

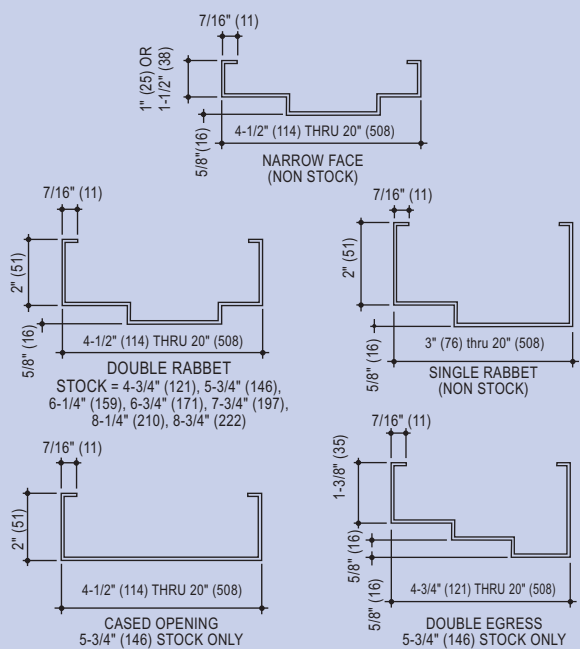


MH Drywall Miter

Rough Opening Required For Drywall Frame

Door Width Opening + 2" (51)
Door Height Opening + 1" (25)
(9' maximum height)
Assuming 2" Face Dimension
For SGL-RBTD or CASED OPG. - Door Width + 3"

Universal Profiles/Jamb Depths



7/16" (11)
1" (25) OR 1-1/2" (38)
5/8" (16)
4-1/2" (114) THRU 20" (508)
NARROW FACE (NON STOCK)

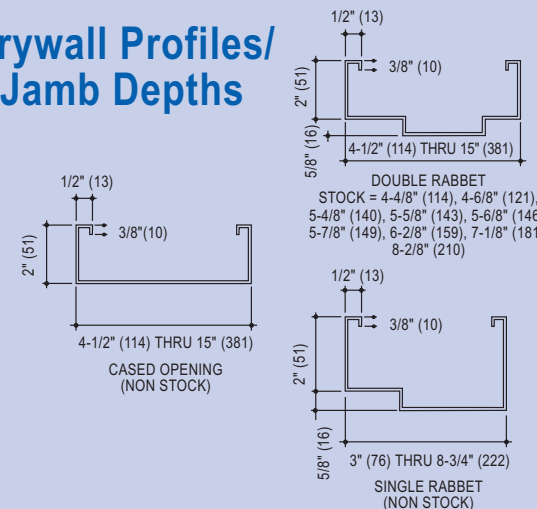
7/16" (11)
2" (51)
5/8" (16)
4-1/2" (114) THRU 20" (508)
DOUBLE RABBET STOCK = 4-3/4" (121), 5-3/4" (146), 6-1/4" (159), 6-3/4" (171), 7-3/4" (197), 8-1/4" (210), 8-3/4" (222)

7/16" (11)
2" (51)
5/8" (16)
3" (76) THRU 20" (508)
SINGLE RABBET (NON STOCK)

7/16" (11)
2" (51)
5/8" (16)
4-1/2" (114) THRU 20" (508)
CASED OPENING 5-3/4" (146) STOCK ONLY

7/16" (11)
1-3/8" (35)
5/8" (16)
5/8" (16)
4-3/4" (121) THRU 20" (508)
DOUBLE EGRESS 5-3/4" (146) STOCK ONLY

Drywall Profiles/Jamb Depths



1/2" (13)
2" (51)
3/8" (10)
4-1/2" (114) THRU 15" (381)
CASED OPENING (NON STOCK)

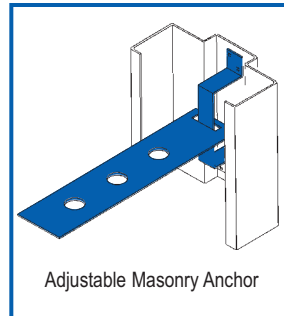
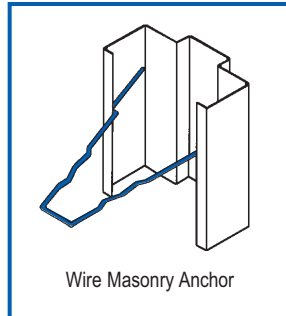
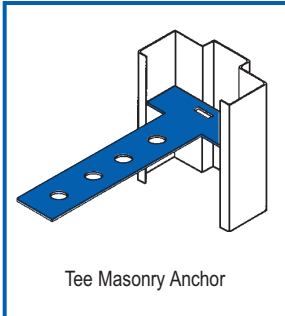
1/2" (13)
2" (51)
3/8" (10)
4-1/2" (114) THRU 15" (381)
DOUBLE RABBET STOCK = 4-4/8" (114), 4-6/8" (121), 5-4/8" (140), 5-5/8" (143), 5-6/8" (146), 5-7/8" (149), 6-2/8" (159), 7-1/8" (181), 8-2/8" (210)

1/2" (13)
2" (51)
3/8" (10)
3" (76) THRU 8-3/4" (222)
SINGLE RABBET (NON STOCK)

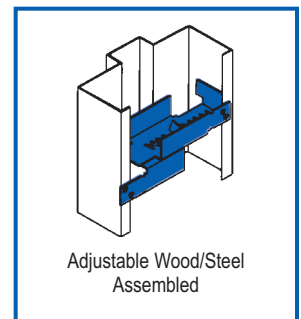
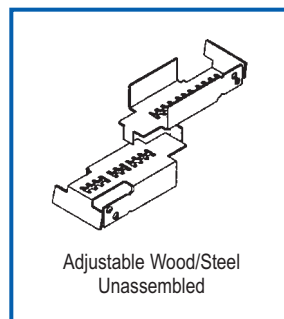
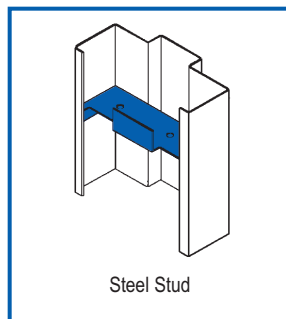
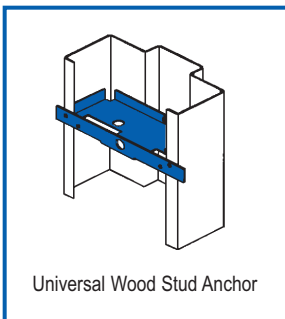
Anchor Details: Refer to Republic's Product Catalog.



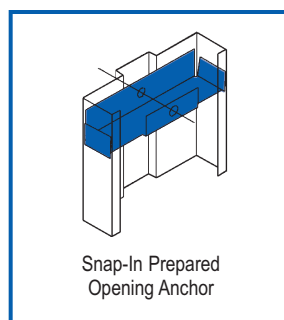
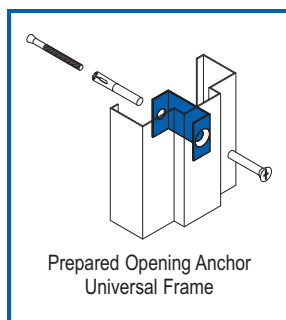
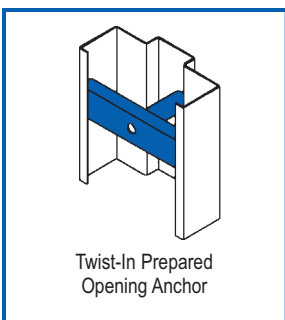
Masonry Type



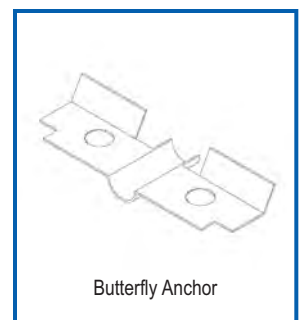
Wood/Steel Stud Type



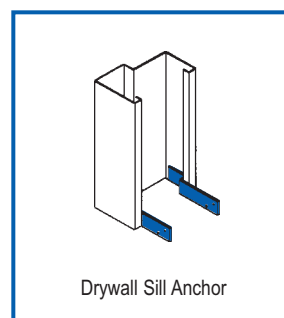
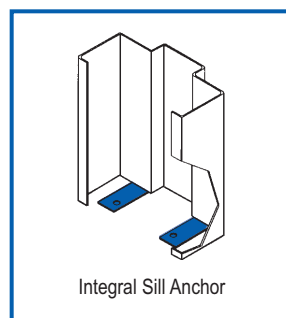
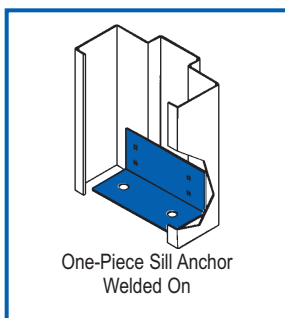
Prepare Opening Type



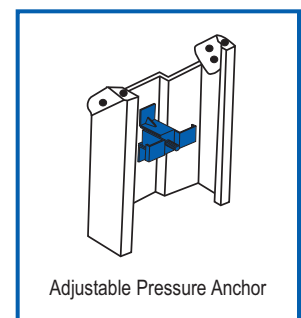
Butterfly Type



Sill Anchor Type

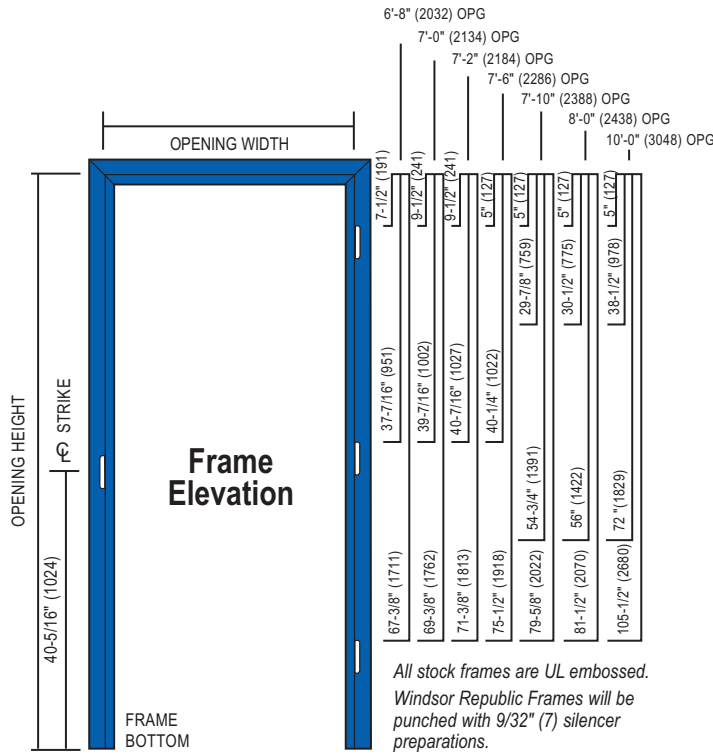


MH Drywall Type



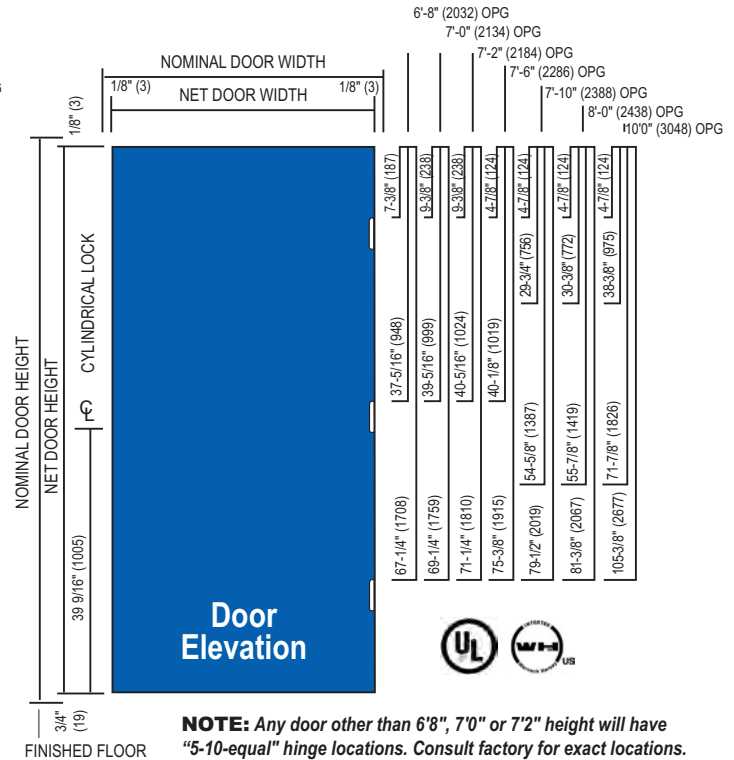
Standard Hinge Locations

4 1/2" Hinges Only

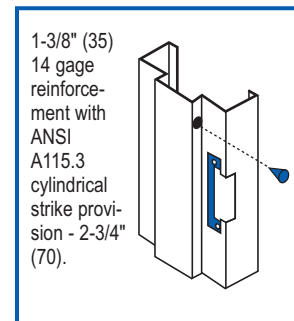
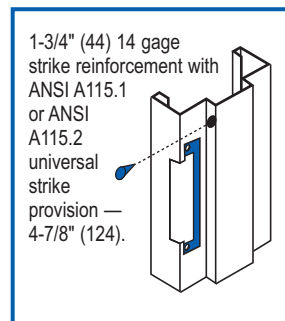
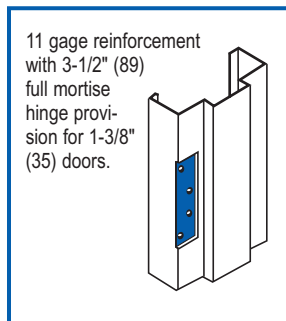
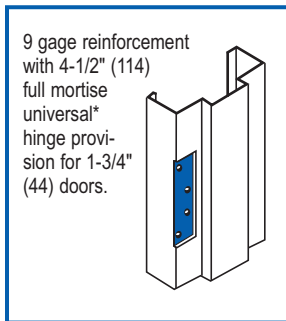


All stock frames are UL embossed.
Windsor Republic Frames will be punched with 9/32" (7) silencer preparations.

NOTE: Any frame other than 6'8", 7'0" or 7'2" height will have "5-10-equal" hinge locations. Consult factory for exact locations.



NOTE: Any door other than 6'8", 7'0" or 7'2" height will have "5-10-equal" hinge locations. Consult factory for exact locations.



* Universal = can be used with either heavyweight (.180) or standard weight (.134) hinges.

Transom Frames

Transom Frame Without Transom Bar (Wood Panel)



- Labeled frames may be constructed of 14 or 16 gage steel.
- Maximum frame opening size: 4'0" (1219) x 11'0" (3353).
- Maximum door size: 4080.
- Maximum panel height: 48-1/2" (1232).
- Jamb depth: 4-1/2" (114) through 20" (508).
- Maximum rating: 1-1/2 hour.
- Requires a supplemental marking that specifies:
"FOR USE ONLY WITH A CLASSIFIED TRANSOM PANEL AND ANY CLASSIFIED FIRE DOOR HAVING A RATING UP TO 1-1/2 HOURS."

Transom Frame With Transom Bar (Wood Panel)



- Labeled frames may be constructed of 14 or 16 gage steel.
- Maximum frame opening size: 4'0" (1219) x 11'0" (3353).
- Maximum door size: 4080.
- Maximum panel height: 4'0" (1219).
- Jamb depth: 4-1/2" (114) through 20" (508).
- Maximum rating: 1-1/2 hours.
- Requires a supplemental marking that specifies:
"FOR USE ONLY WITH A CLASSIFIED TRANSOM PANEL AND ANY CLASSIFIED FIRE DOOR HAVING A RATING UP TO 1-1/2 HOURS."

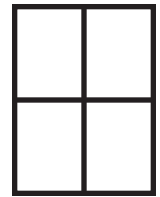
Transom Frame Without Transom Bar (Hollow Metal Panel)



- Labeled frames may be constructed of 14 or 16 gage steel.
- Maximum frame opening size: 3'0" (914) x 10'0" (3048).
- Maximum door size: 3072 single.
- Maximum panel height: 34" (864).
- Jamb depth: 4-1/2" (114) through 20" (508).
- Maximum rating: 3 hours.
- Astragal required at bottom of panel for 3 hour rating.

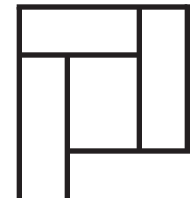
Borrowed Light Frame

(Typical Elevation)



- Labeled frames may be constructed of 14 or 16 gage steel.
- Maximum size: 9'4" (2845) x 8'10" (2692).
- Jamb depth: 4-3/4" (121) through 20" (508).
- Face dimensions: 1" (25) minimum; 2" (51) maximum.
- Maximum rating: 3/4 hour.
- Maximum exposed glass: 2650 sq. in. with a maximum exposed width of 53" (1346) and maximum height of 50" (1270).
- A stop height of 5/8" (16) is required for a maximum exposed glass of 1296 sq. in. and special glazing compound over 1296 sq. in. up to 4704 sq. in.
- Fire window frames are intended for installation in masonry wall or for installation in walls utilizing wood/steel studs.
- Each jamb shall be provided with a sill anchor and a jamb anchor for each 30" (762) of height or fraction thereof. An intermediate base anchor is required for frames over 4'0" (1219) wide.
- Must be welded (3/4 hour).

20 Minute Frame w/ Lights



- Twenty minute type door frame with lights, fire tested, without hose stream, for walls at least 3-1/2" (89) thick.
- ME/SE Series Profile may be 14 or 16 gage steel.
- MH/SH Series Profile may be 16 gage steel.
- Mitered corner connections are standard.
- Jamb depth:
ME/SE Profile: Sgl. Rbt. - 3" (76) to 20" (508).
Dbl. Rbt. - 4-1/2" (114) to 20" (508).
MH/SH Profile: Sgl. Rbt. - 3-1/2" (89) to 15" (381).
Dbl. Rbt. - 4-1/2" (114) to 15" (381).
- The overall frame size shall not exceed 158" (4013) in width and 139" (3531) in height.
- The maximum size opening for the individual transom lights/sidelights shall not exceed 5268" in area, and the maximum width/height of the individual light shall not exceed 109-3/4" (2788).
- 5/8" (16) glazing bead.
- Also available for borrowed lights.



Three-Sided Frames

Universal (ME) Frame



- Labeled frames may be constructed of 12, 14 or 16 gage steel.
- Maximum door opening size: 40100 single / 80100 double (8'0" max. 12 gage height).
- Maximum rating: 3 hours.
- Jamb depths:
Sgl. Rbt. - 3" (76) to 20" (508).
Dbl. Rbt. - 4-1/2" (114) to 20" (508).
- Removable hardware mullion permitted (maximum 1-1/2 hour rating).
- Anchors may be shipped loose for up to 3 hour frames, single or double opening.

Drywall (MH) Frame



- Labeled frames may be constructed of 16 gage steel.
- Maximum door opening size: 4090 single / 8090 double.
- Maximum rating: 1-1/2 hours.
- Jamb depths:
Sgl. Rbt. - 3" (76) to 15" (381).
Dbl. Rbt. - 4-1/2" (114) to 15" (381).
- Removable hardware mullion permitted (maximum 1-1/2 hour rating).
- Sill anchors shipped loose.

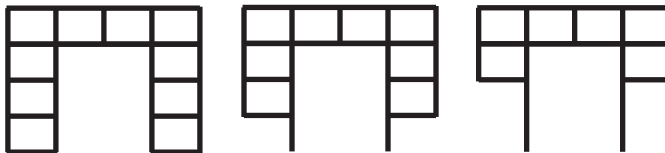
Multiple Opening Frame



- Labeled frames may be constructed of 12, 14 or 16 gage steel.
- Maximum door opening size: 4080.
- Maximum frame size: 98" (2489) h. x 152" (3861) w.
- Jamb depth: 4-3/4" (121) to 20" (508).
- Maximum rating: 1-1/2 hours.
- Welded only.



Transom & Sidelight Frame



- Labeled frames may be constructed of 14 or 16 gage steel.
- Maximum door opening size: 4080 single / 8080 double.
- Maximum frame size: 12'0" (3658) x 10'0" (3048) or 10'0" (3048) x 12'0" (3658) for masonry installations and 12'0" (3658) x 10'0" (3048) for drywall applications.
- Jamb depth: 4-3/4" (121) to 20" (508).
- Maximum exposed glass size: 1296 sq. in. with a max. exposed width of 39" (991) and maximum height of 36" (914). The maximum sidelight width is 36" (914) for masonry and 32" (813) for drywall installations with a maximum height of 54" (1372).
- Maximum exposed panel size: 1296 sq. in. with a max. transom width of 39" (991) and maximum height of 36" (914). The maximum side panel width is 36" (914) for masonry and 32" (813) for drywall installations with a maximum height of 54" (1372).
- A stop height of 5/8" (16) is required for a maximum exposed glass of 1296 sq. in. and special glazing compound over 1296 sq. in. up to 4704 sq. in.
- A stop height of 5/8" (16) is required for panels.
- Each jamb shall be provided with a sill anchor and (2) jamb anchors for heights up to and including 60" (1524) and an additional anchor for each additional 30" (762) or fraction thereof.
- Maximum rating 1-1/2 hours with panel, 3/4 hours with glass for masonry and drywall.

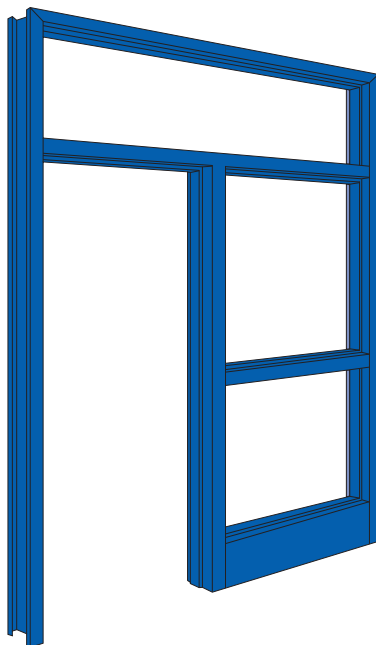
Double Egress Frames



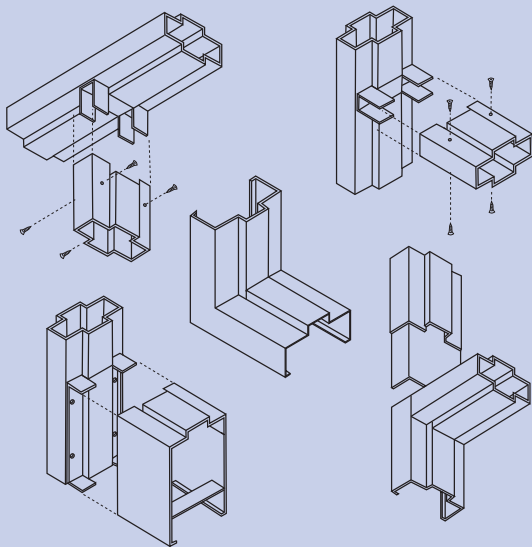
- Labeled frames may be constructed of 14 or 16 gage steel
- Maximum door opening size: 8090.
- Maximum rating: 3 hours.
- Requires a supplemental marking (next to U.L. Listing mark) that specifies:
"DOUBLE EGRESS FIRE DOORS BY REPUBLIC BUILDERS PRODUCTS."
- Frames may also be used with 20 minute or 3/4 hour classified wood doors. These frames require a supplemental marking (next to U.L. Listing mark) that reads:
"FOR USE WITH CLASSIFIED DOUBLE EGRESS 20 MINUTE OR 3/4 HOUR DOORS."

SE & SH Series Sticks

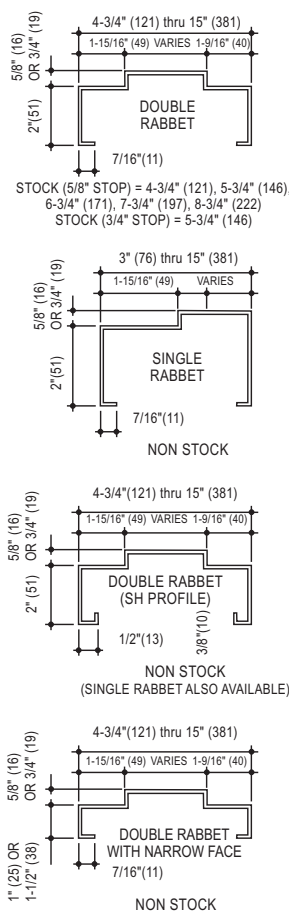
- SE stock depths: 4-3/4" (121), 5-3/4" (146), 6-1/4" (159), 6-3/4" (171), 7-3/4" (197), 8-1/4" (210), 8-3/4" (222).
- SH (Drywall Profile) and other depths are available.
- Stock sticks are manufactured in 10'3" (3124) maximum lengths. Other stick lengths are available; please consult the factory.
- Stock sizes are 14 and 16 gage.
- Other profiles are available upon request.
- SE 12 gage sticks are available in maximum lengths of 8'0" (2438).



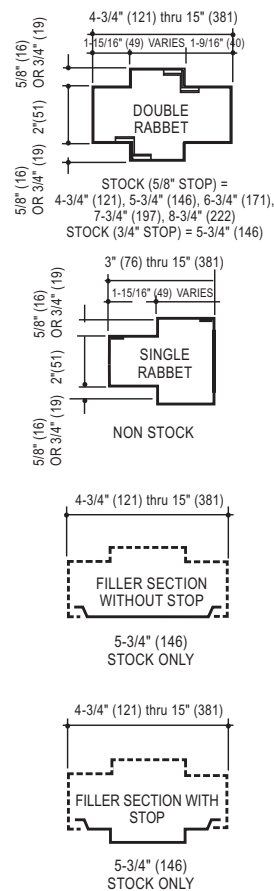
Section Details of Typical Field Splice Connections



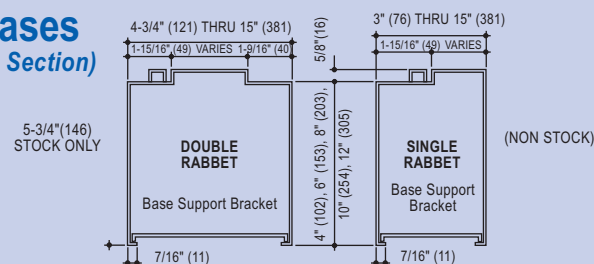
Jambs (Open Sections)



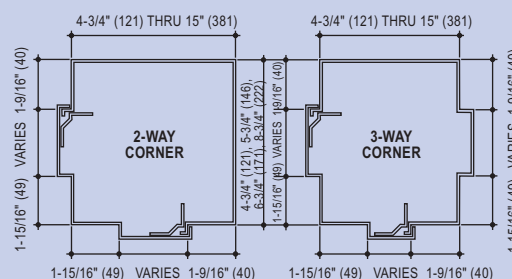
Mullions (Closed Sections)



Bases (Sill Section)



Corner Posts (Non-Stock)

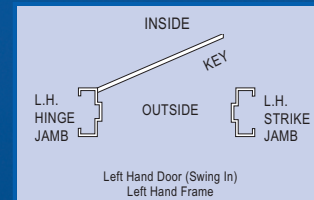
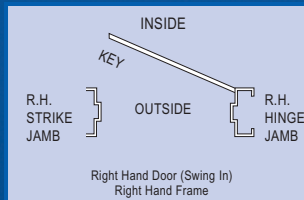
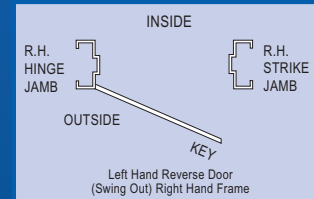
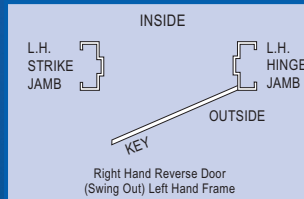


Door / Frame Handing Chart

Hand all doors by standing outside or key side and facing the door.

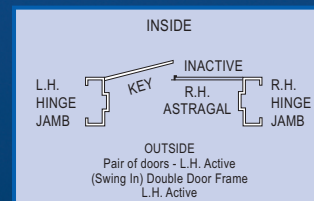
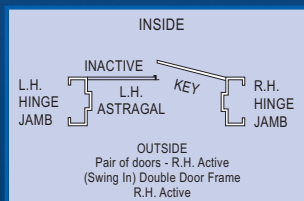
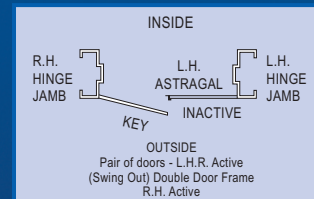
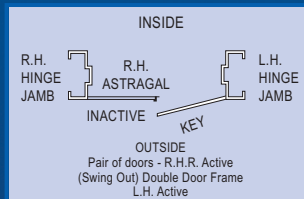
Single Doors

- When door leaves swing toward you and hinges are on right side of door:
 - Door is R.H.R.
 - Frame is L.H.
- When door leaves swing to inside and hinges are on right side of active leaf:
 - Door is R.H.
 - Frame is R.H.



Pairs of Doors

- When door leaves swing toward you and hinges are on right side of active leaf:
 - Door is R.H.R. Active.
 - Frame is L.H. Active.
- When door leaves swing to inside and hinges are on right side of active leaf:
 - Door is R.H. Active.
 - Frame is R.H. Active.



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