



**Dunbarton's
Hollow Metal doors
and frames allow for
unlimited options
in multiple markets!**

HOLLOW METAL

STEEL DOORS AND FRAMES

- Hollow Metal Door Series
 - Continuously Welded | Embossed | Lock Seam
- Hollow Metal Door Lite Cut Outs
- Hollow Metal Frames Series
 - Adjustable | Drywall | Masonry
- Finish Options
- Warranty | Rough Opening



HOLLOWMETAL

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| sales@dunbarton.com



Markets

Hotels
Apartments
Condominiums
Assisted Living
Dormitories
Hospitality
Casinos
Offices
Modular

Dunbarton's Hollow Metal is designed for *standard* and *heavy-duty* applications and is perfect for a wide array of application in commercial, multi-family, industrial, and institutional buildings.

HOLLOW METAL FRAMES AND DOORS WITH *unlimited* OPTIONS



6 Panel Narrow



6 Panel



2 Panel Arch Top



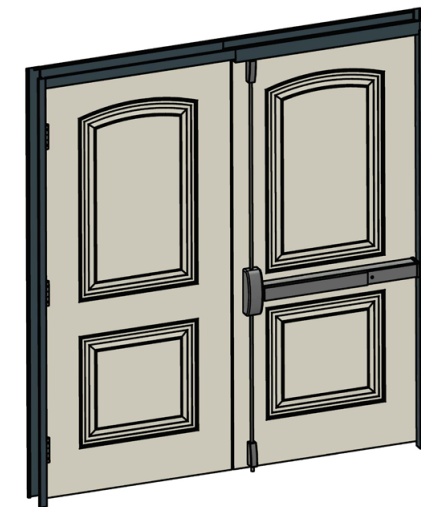
2 Panel Square



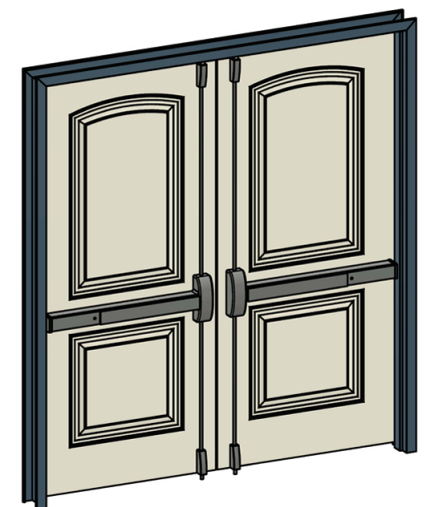
2 Panel Arch Top
with Transom



2 Panel Arch Top
Full Side Lite



2 Panel Arch Top
Double Egress

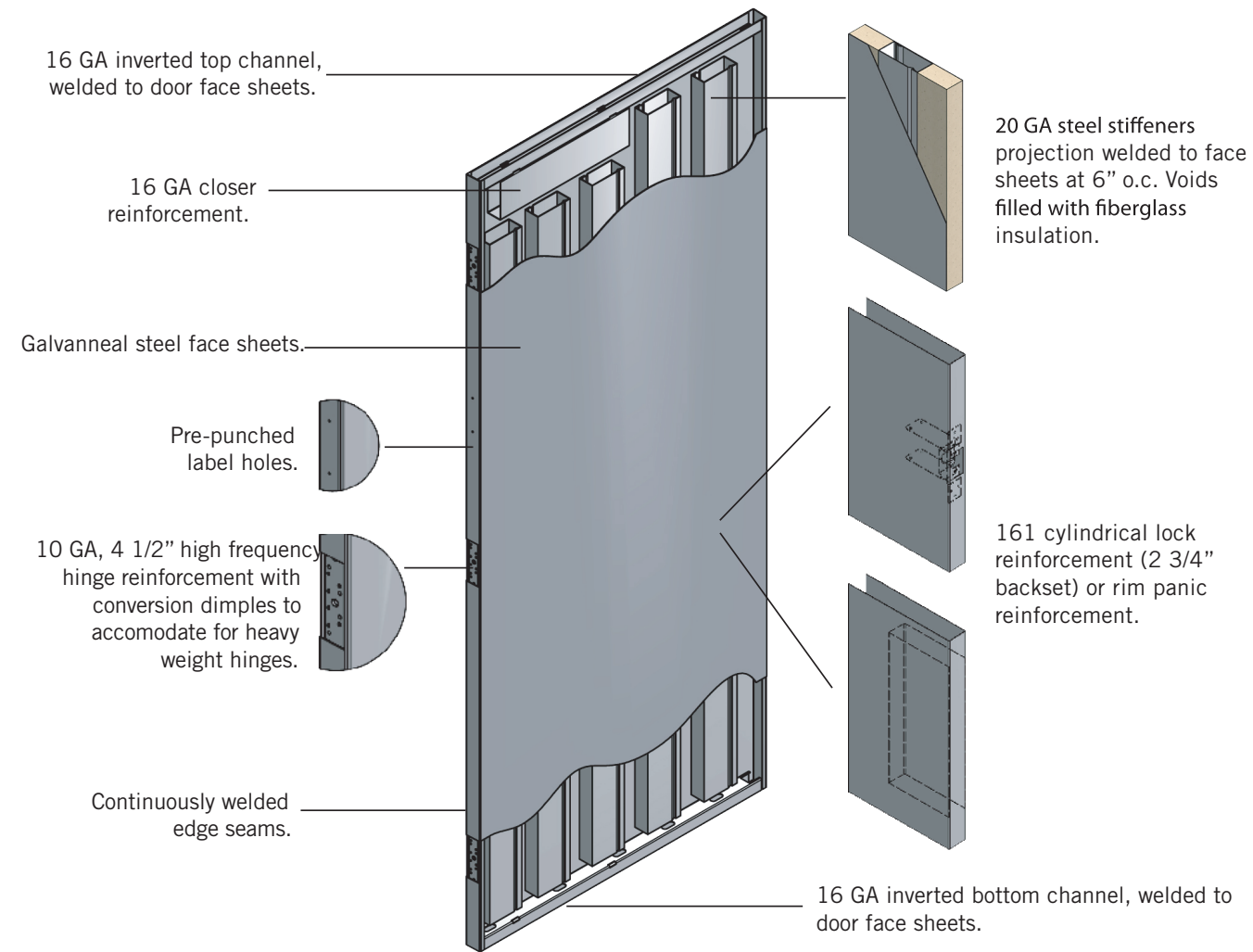


2 Panel Arch Top
Pair

Hollow Metal Doors

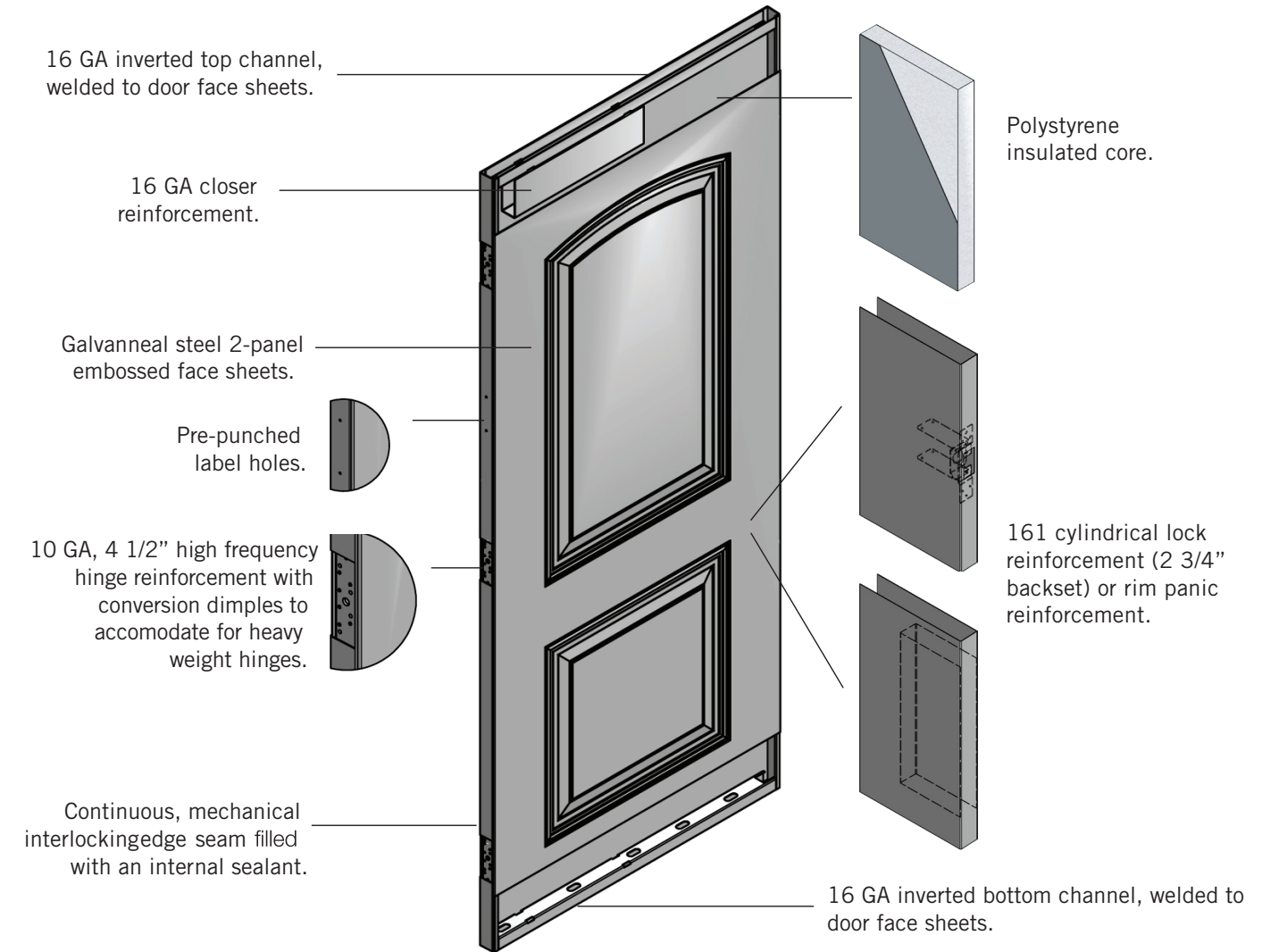
CW Series Door Continuously Welded (1-3/4" Thick)

CW Series Doors are constructed with the purpose of providing the ultimate in strength and durability. With steel stiffeners welded to the door face sheets and edge seams continuously welded, CW Series Doors are the perfect solution for high security or high traffic areas such as schools and detention centers. CW Series Doors are available in 16 GA and 14 GA and can be fire rated up to 3 hours.



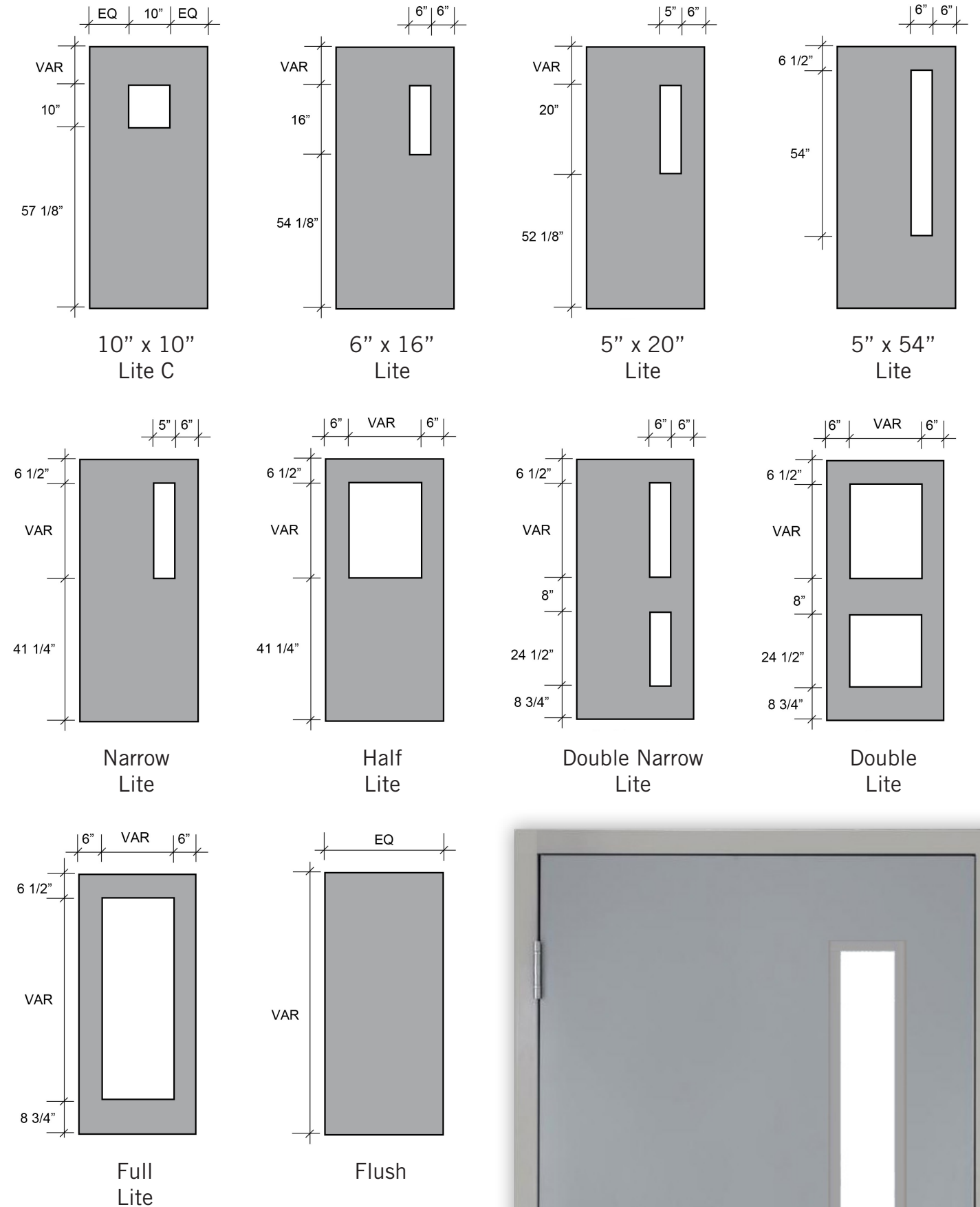
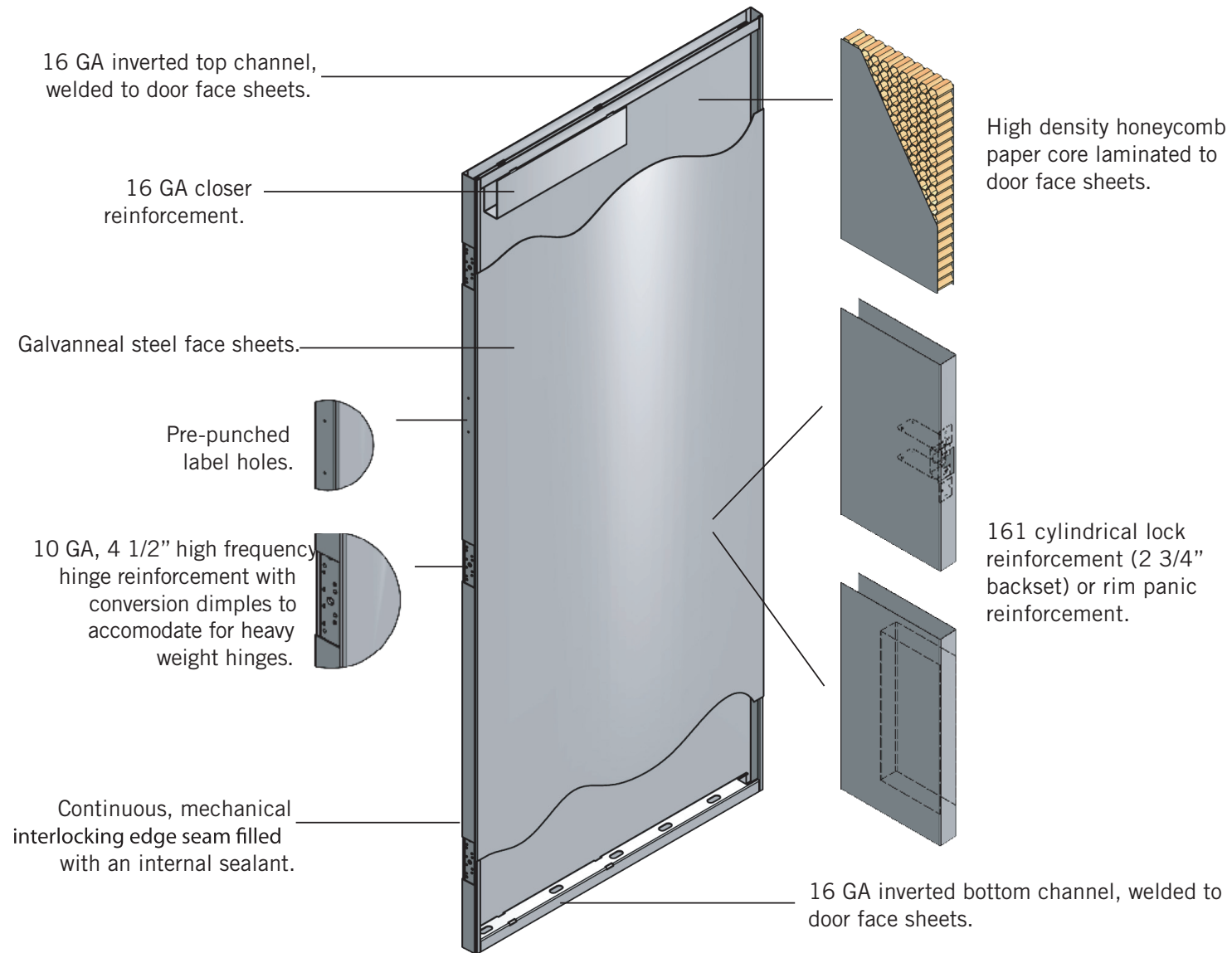
EP Series Door Embossed 2 or 6 Panel (1-3/4" Thick)

The EP Series Door provides the ideal combination of strength and durability with beauty and elegance. Ideal for commercial offices or high end residential applications such as apartment buildings and condos. EP Series Doors are available in 20 GA and 18 GA and can be fire rated up to 3 hours.



LS Series Door Lock Seam (1-3/4" Thick)

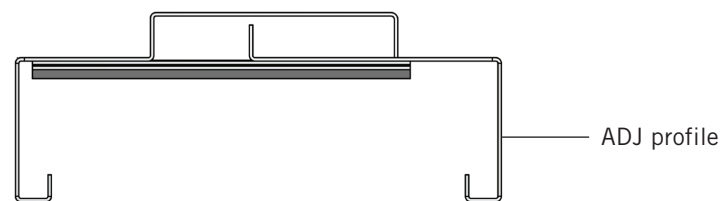
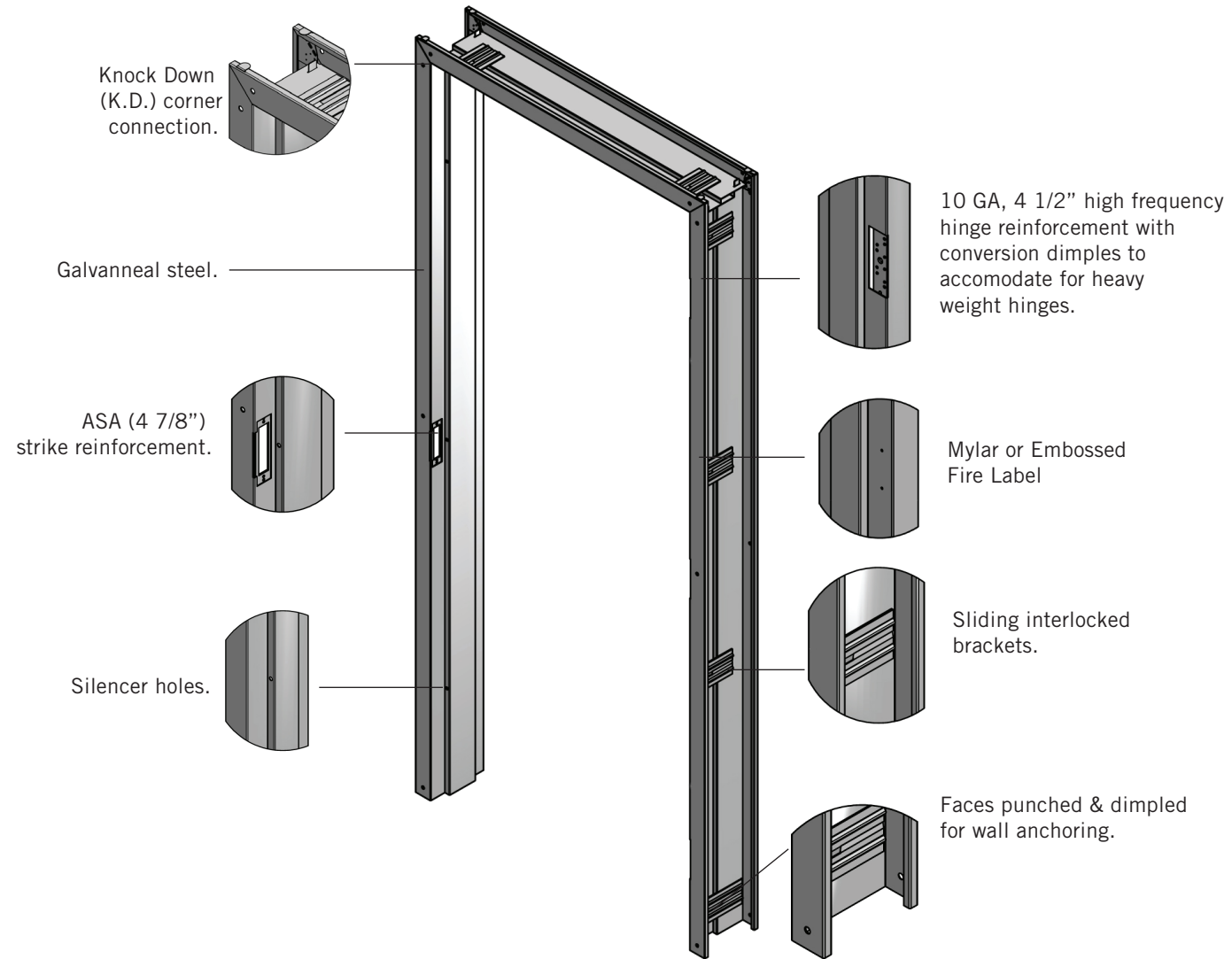
LS Series Doors are designed for standard and heavy duty applications and are made to provide years of maintenance free performance. These doors are perfect for a wide array of applications in commercial, industrial, and institutional buildings. LS Series Doors are available in 20 GA, 18 GA, and 16 GA and can be fire rated up to 3 hours.



Hollow Metal Frames

Adjustable Series Frame

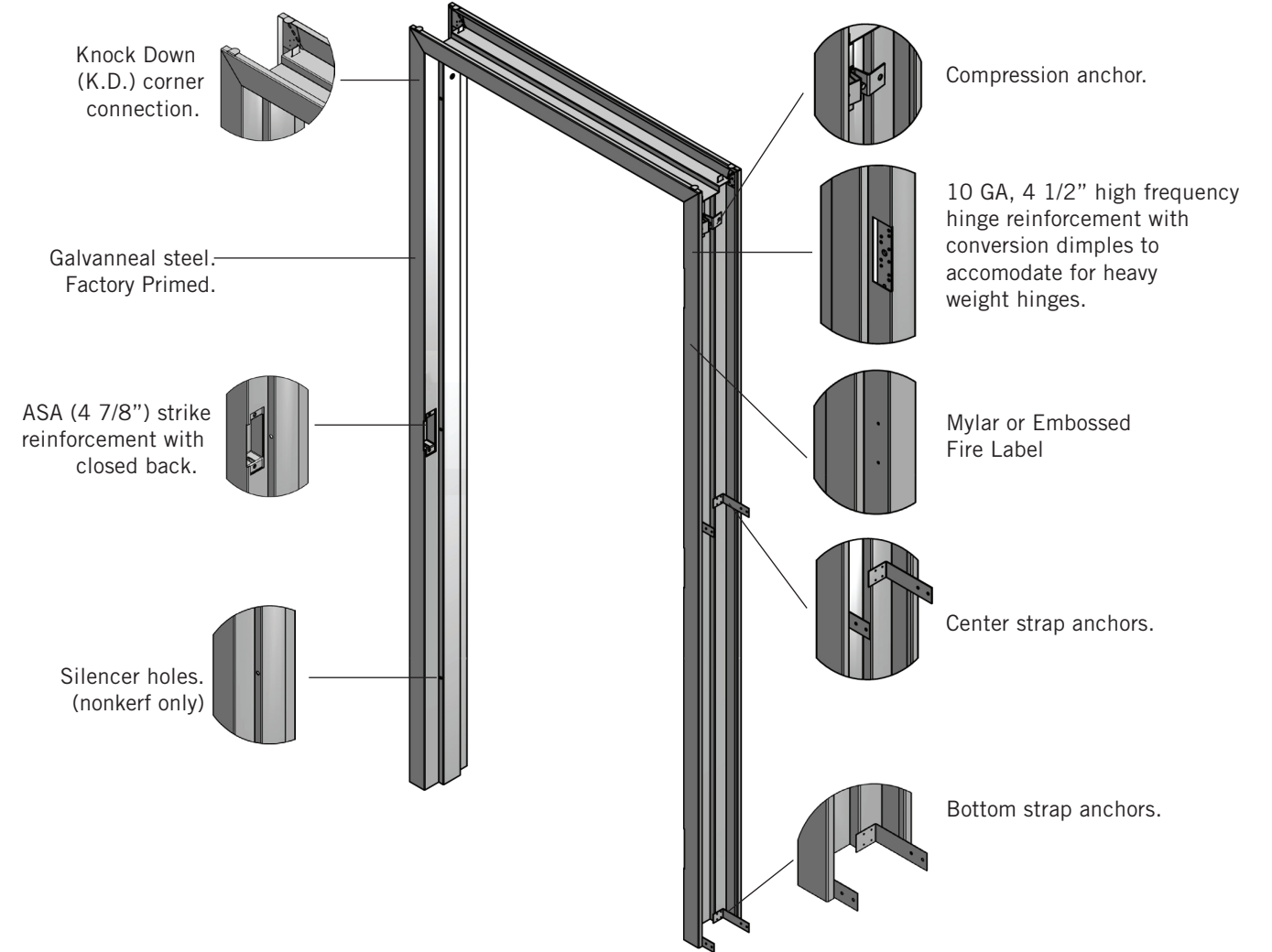
ADJ Series Frames provide the ultimate versatility for use in drywall applications or masonry butt applications as this frame can be adjusted to fit a wide range of wall thicknesses. Offered in two sizes, it will accommodate jamb depth ranging from 5-1/2" to 8-3/4" while the ADJ-L will accommodate jamb depth ranging from 8-1/2" to 13-1/4".



- MATERIAL:** 16 ga Galvanneal Steel (Standard)
- DOOR THICKNESS:** For use with 1-3/4" thickness doors (steel or wood)
- Jamb Depth:** Two sizes available -
 Small ADJ - from 5 1/2" to 8 3/4";
 Large ADJ - from 8 1/2" to 13 1/4".
- HINGE REINFORCEMENTS:** Prepared with three 4 1/2" standard weight 10 gauge hinge reinforcements
- STRIKE PREP:** Prepared with 12 gauge ASA strike reinforcement - see complete list on strike reinforcement prep tab
- ANCHORS:** Welded-in Face punch and dimple wall anchors standard
- FINISHING:** Factory primed only
- FIRE RATING:** Available Fire Rating 1 1/2 hr. on single frames maximum size 4'0" x 8'0" and on the double frame - 8'0" x 8'0".
- ADDITIONAL PREPS:**
- Prepared for (3) 9/32" silencers.
 - Prepared to receive countersunk screws #7 x 2-1/2"

Drywall Series Frame

Drywall Series Frames are designed for effortless installation into drywall applications. These frames are fabricated complete with center and bottom strap anchors, and double returns and are available in 18 GA or 16 GA. DW Series Frames can be made to accommodate a wide variety of sizes and jamb depths and can be fire rated up to 1-1/2 hours.

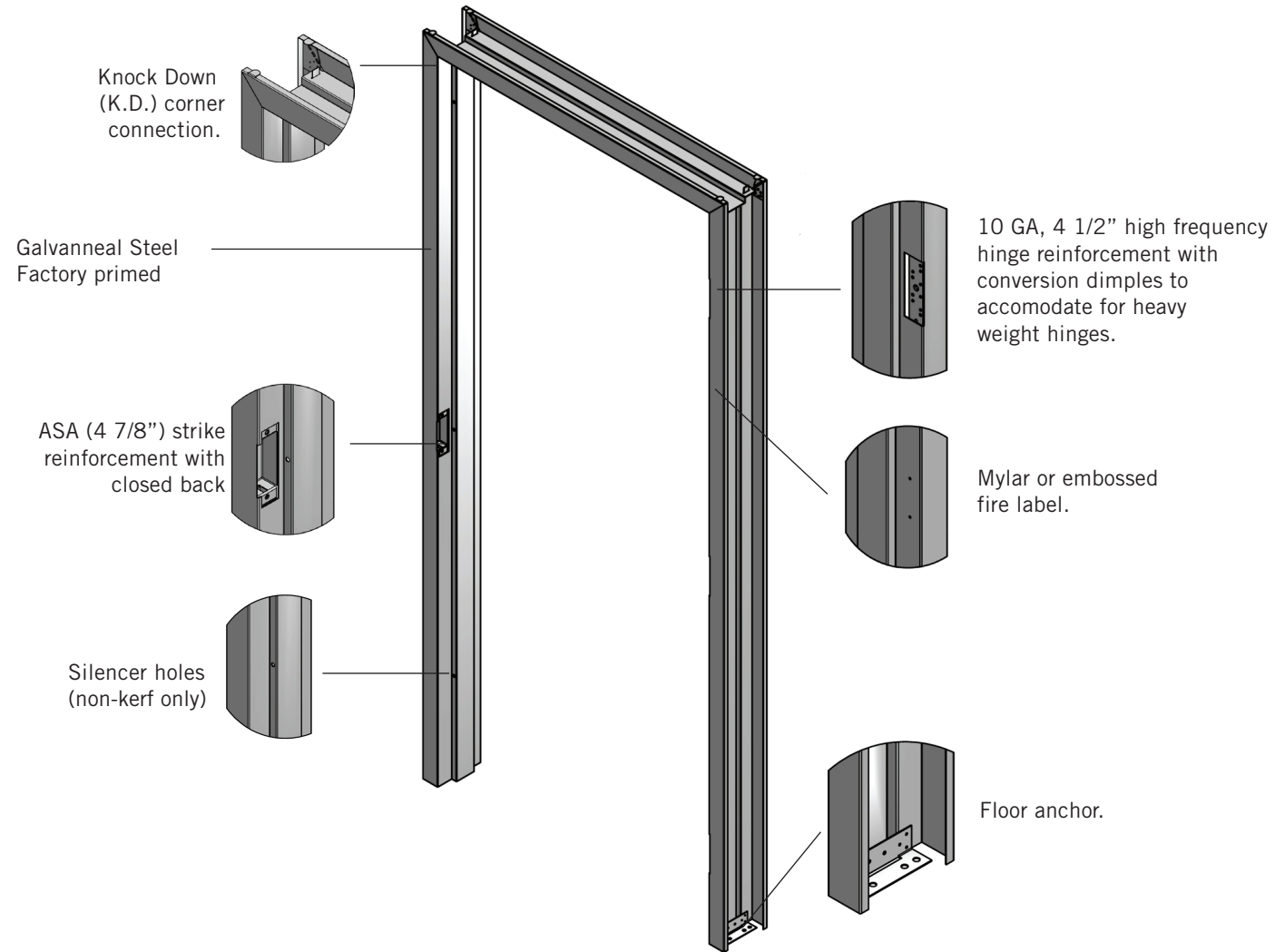


- MATERIAL:** 16 ga Galvanneal Steel (Standard), A40
- DOOR THICKNESS:** For use with 1-3/4" thickness doors (steel or wood)
- Jamb Depth:**
 5 1/2" to 14" (non-kerf)
 5 1/2" to 13-3/8" (kerf)
- HINGE PREP:** 3 1/2" square corner, 4" x 1/4" radius, 4" x 5/8" radius, 4-1/2" square corner, and 5" square corner
- STRIKE PREP:** T-Strike, ASA, Deadbolt, and three (3) 9/32" silencers.
- CORNER REINFORCEMENTS:** 18-gauge corner reinforcements to maintain proper miter alignment
- ANCHORS:** Welded-in steel compression anchors and strap anchors standard
- FINISHING:** Standard Dunbarton colors, custom colors, or prime
- FIRE RATING:** Available Fire Rating 1 1/2 hr. on single frames maximum size 4'0" x 8'0" and on the double frame - 8'0" x 8'0".
- ADDITIONAL PREPS:**
- Knock-down (KD) design
 - Available with 2" face; 1/2" returns
 - Built-in strike dust boxes (standard)
 - Tab and slot construction
 - Punch mutes

Versatility
**IN APPLICATION
 AND USAGE**

Masonry Series Frame

Masonry Series Frames are made to suit masonry applications in commercial, industrial, or institutional settings. These frames come complete with floor anchors and are available in 18 ga or 16 ga. MAS Series Frames can be made to accommodate a wide variety of sizes and jamb depths and can be fire rated up to 3 hours.



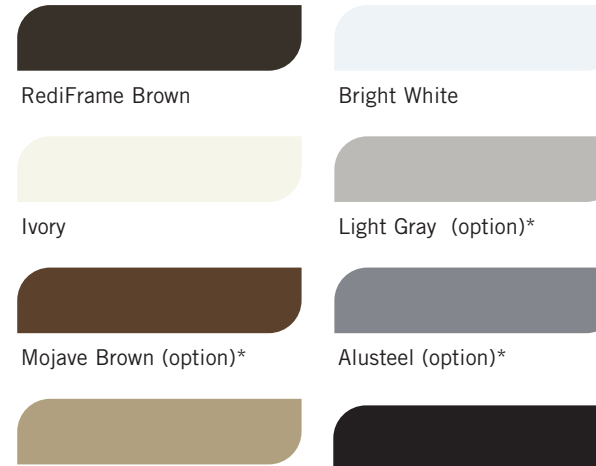
- MATERIAL:** 16 ga Galvanneal Steel (Standard), A40
- DOOR THICKNESS:** For use with 1/3/4" thickness doors (steel or wood)
- Jamb Depth:**
 5 1/2" to 14" (non-kerf)
 5 1/2" to 13-3/8" (kerf)
- HINGE PREP:** 3 1/2" square corner, 4" x 1/4" radius, 4" x 5/8" radius, 4-1/2" square corner, and 5" square corner
- STRIKE PREP:** T-Strike, ASA, Deadbolt, and three (3) 9/32" silencers.
- CORNER REINFORCEMENTS:** 18-gauge corner reinforcements to maintain proper miter alignment
- ANCHORS:** Floor anchors standard
- FINISHING:** Standard Dunbarton colors, custom colors, or prime
- FIRE RATING:** Available Fire Rating 1 1/2 hr. on single frames maximum size 4'0" x 8'0" and on the double frame - 8'0" x 8'0".
- ADDITIONAL PREPS:**
- Knock-down (KD) design
 - Available with 2" face; 1/2" returns
 - Built-in strike dust boxes (standard)
 - Tab and slot construction
 - Stick-on mutes (standard)
 - Punch mutes (optional)

Finish

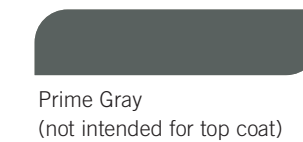
Our frames are finished in a state-of-the-art paint assembly line with electrostatically-applied, baked-on enamel. Paint finish meets or exceeds 200 hour salt spray test per ASTM-B117-97. Painted finishes also finished 700 hour humidity test per ASTM-D1735-87.

Hollow Metal adjustable frames are available standard as Prime Gray only. Doors, Drywall and Masonry Series frames are available primed, standard Dunbarton colors, or custom colors.

Standard Color Selections



Prime Colors



Custom Colors

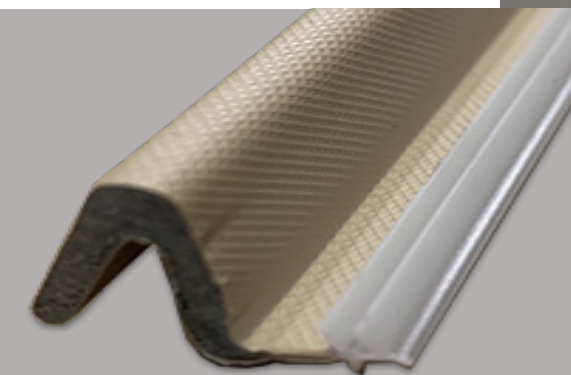
Dunbarton can match your custom color to your specifications!

Contact factory for lead times and pricing.

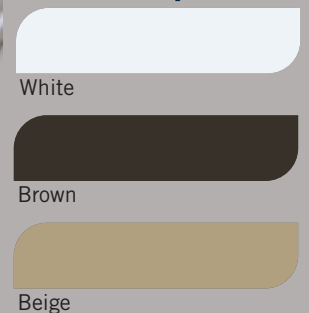


Weatherstripping

Dunbarton's 90-minute fire-rated weatherstripping is available in three colors: white, brown, and beige. The easy-to-install kerf weatherstripping comes ready to install on-site or is available pre-installed. Be sure to specify weatherstripping when ordering kerf frames.



Color Options



Thresholds

The purpose of a threshold is to close the gap between the bottom of a door and the floor. Thresholds are used with door bottoms and weatherstripping to seal the opening, preventing air, rain, and snow from entering. Dunbarton has four standard styles with two extenders for the fixed inswing, with other options available.



Frame height can be adjusted to accommodate the threshold height with a standard undercut door. Sweep height must be considered when determining the frame height, door height, and threshold height. For full threshold options, see your Dunbarton salesperson, or the Dunbarton website.

Warranty

WHO IS COVERED BY THE LIMITED WARRANTY

Dunbarton Corporation, the manufacturer of steel doors and frames, extends this limited warranty to the original building owner of the hollow metal door and/or frame. The limited warranty does not extend to any subsequent purchasers, renters, owners, or users.

WHAT THE LIMITED WARRANTY COVERS AND FOR HOW LONG

Subject to the conditions, restrictions and limitations described elsewhere in this certificate, Dunbarton Corporation extends the following warranties to the original building owner.

Door Unit. Materials in the steel door are warranted for one (1) year from the date of purchase, that the door will be free of defects in materials and workmanship. If a defect occurs, it will be Dunbarton's responsibility to furnish a new frame and/or door or refund the price of the defective frame and/or door.

The warranty excludes failures which are the result of:

- (1) Accidents, fire, acids, fumes; (2) Improper use; (3) Improper installation; (4) Glass failure; (5) Problems relating to applied finishes. Doors must be received and stored per HMMA 840-99.

Steel Frame. The warranty covers all defects in materials and workmanship of the frame for one (1) year from the date of purchase. If a defect occurs, it will be

Dunbarton's responsibility to furnish a new frame and/or door or refund the price of

the defective frame and/or door. The warranty excludes failures which are the result of: (1) Accidents, fire, acids, fumes; (2) Improper use; (3) Improper installation; (4) Problems relating to applied finishes. Frames must be received and stored per HMMA 840-99.

Glass. This warranty period begins on the date of purchase by the customer and extends for the duration of the stated periods. The glass component and the glass frame component is warranted for 1 year. This warranty covers only defects in material and workmanship that would render the product unfit for its designed and intended use. This warranty covers only defects existing at time of shipment by Dunbarton and is extended to the first owner of the product. If a defect occurs, it will be Dunbarton's responsibility to either repair or replace the component of like kind and design. This warrant does not cover: (1) Defects or damages due to shipping, improper handling, installation, cleaning, maintenance, finishing, act of God, intentional human acts or circumstances beyond Dunbarton's control; (2) Product installed in or submitted to high heat conditions, high moisture conditions, high vibration, or extreme temperature changes; (3) Product painted dark colors; (4) Breaking or cracking of product.

WHAT DUNBARTON WILL DO

Any claims for defects under this warranty should be submitted in writing to Dunbarton or its authorized distributor promptly after discovery, together with proof of purchase, describing the defect claimed and referring to the invoice number. Within a reasonable time, Dunbarton or its distributor will inspect the products. If the claim is within the warranty, Dunbarton will repair or replace (at Dunbarton's option) any defective component without charge.

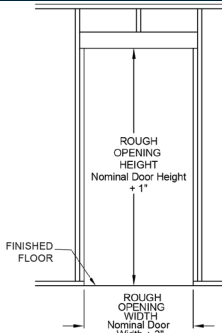
The limited warranty does not include cost of removing the defective product or installing a repaired or replacement product, unless the warranty claim is made within six (6) months after date of initial purchase. You will be charged a service call fee at the prevailing rate in the area if your claim is found upon inspection not to be covered by the warranty.

SEE WEBSITE FOR COMPLETE WARRANTY

Rough Opening

Measure rough opening for door frames and sidelites from finished floor.

Standard Drywall KD 2" Hollow Metal Frames | Adjustable Hollow Metal Frames

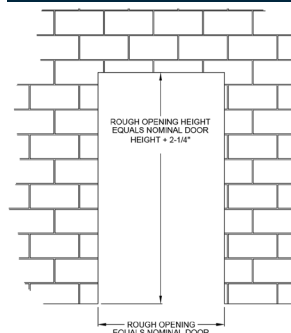


Rough Opening Width:
Equal to nominal door width plus 2"

Rough Opening Height:
Nominal door height plus 1" to finished floor

Opening size can be increased, but remember for fire-rated openings a minimum of 1/2" drywall must extend inside the frame on all three sides.

Standard KD 2" Masonry Hollow Metal Frames

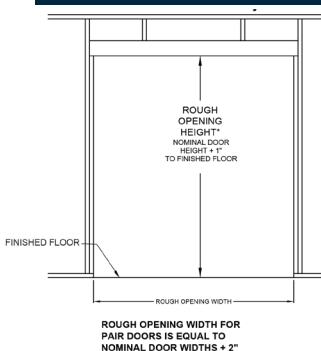


Rough Opening Width:
Equal to nominal door width plus 4-1/2"

Rough Opening Height:
Equal to nominal door height plus 2-1/4"

Hollow Metal masonry frames can be installed with a variety of anchors and installed as the opening is built or after completion.

Standard Pair Drywall 2" Hollow Metal Frames | Adjustable Hollow Metal Frames



Rough Opening Width Pair Doors:
Equal to nominal door width plus 2"

Rough Opening Height:
Nominal Door height plus height plus 1" to finished floor

Please consult the instruction sheet for the pocket door hardware you are installing due to some pocket doors may require different rough opening dimensions than indicated by Dunbarton instructions.

FROM
design to installtion
DUNBARTON IS THERE, SO
HOLLOW METAL IS MADE
Simple!



1101 Technology Drive | Dothan, Alabama 36303
800.633.7553 | 334.794.9184 fax
www.dunbarton.com | sales@dunbarton.com



Scan to go directly to Hollow Metal product webpage!



RediFrame's unique, strong-as-the-wall design is available in fixed wall size and

RIVER CITY MILLWORK

815-965-9439 | www.rivercitymillwork.com

REDIFRAME

PREFINISHED STEEL DOOR FRAMES

- RediFrame[®] Fixed
- RediFlex[®] Adjustable
- Kerfed Frames
- Sidelites
- Borrowed Lites
- Specialty Frames: Double Egress | Pocket Doors



REDIFRAME

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Markets

Hotels
Light Commercial
Apartments
Condominiums
Assisted Living
Dormitories
Public Housing
Hospitality
Casinos
Offices
Modular

RediFrame® has dedicated itself to quality workmanship and long-term customer satisfaction by producing the finest prefinished steel door frames. The unique, strong-as-the-wall design is available in fixed, RediFrame®, and adjustable, Rediflex®, designs.



RediFrame® Fixed Frame

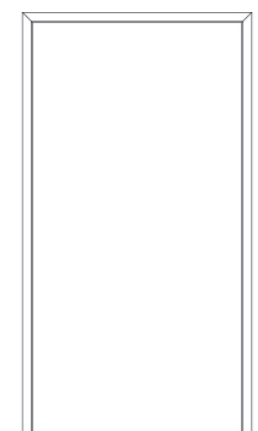
16, 18, and 20
Gauge Steel
with a non-kerf
and kerf profile



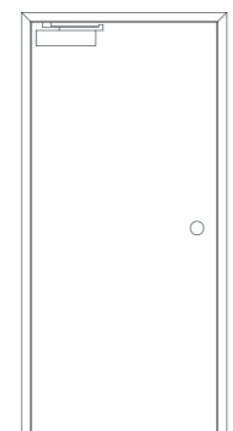
RediFlex® Adjustable Frame

16, 18, and 20
Gauge Steel
with a non-kerf
and kerf profile

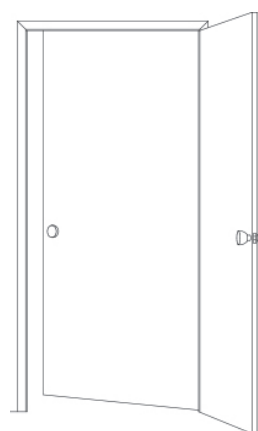
TWO VARIATIONS WITH *unlimited* OPTIONS



Cased Opening

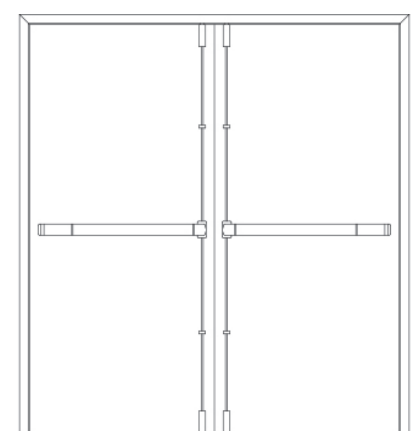


Conventional

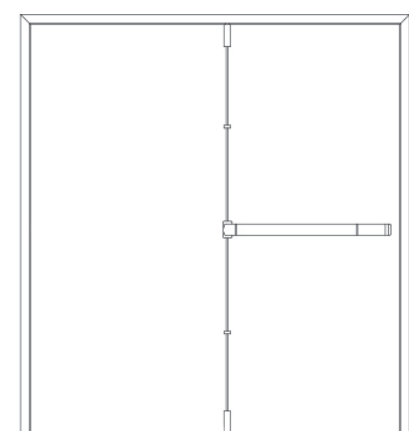


Communicating

2



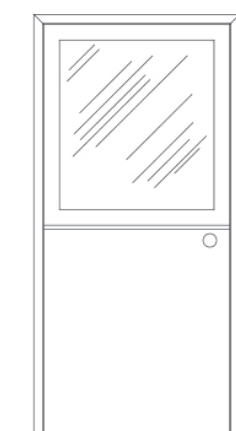
Pair



Double Egress



Pocket



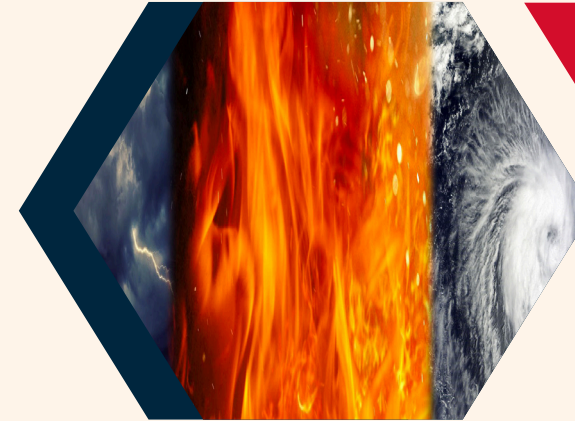
Dutch

3



INSTALLATION

The success of RediFrame® lies in the ease of installation, saving time and money. **RediFrame® is pre-finished, so installation occurs AFTER the wall is finished.**



TESTING

Dunbarton pledges to stay ahead of the field when it comes to fire ratings. We have taken the initiative to pass the most stringent and difficult tests to acquire the Warnock Hersey standard in both **neutral (UL 10B) and positive (UL 10C) pressure fire ratings.**



INNOVATION

Dunbarton's continuing innovation has produced an adjustable strike, a patented casing corner bracket, and the Universal Hinge Prep, S56 safety guard emboss, heavy hinge prep, and an ABH 1000 / GJ100 series concealed overhead holder and stop. We offer over 26 different electric strike preps, and 10 different concealed closure options.



DIVERSITY

Our diversity is in our design. **RediFrame® is engineered to adapt to a variety of commercial and residential applications.** Sidelites, Borrowed Lites, Pocket Doors, Communicating Doors, Double Egress...try RediFrame® first for special openings.



DURABILITY

RediFrame® carries a Certification of **Level A 1,000,000 cycles (ANSI 250.5-1994).**



SECURITY

RediFrame® is designed to sleeve the wall, becoming an integral part of the wall system. In comparative impact testing 18 gauge RediFrame® withstood 850 impacts, over 500 more than hollow metal. The difference is the anchoring system. Not only does RediFrame® sleeve the wall, but it anchors to the wall using at least 30 fasteners.



RediFrame® Fixed Frame

RediFrame® is a prefinished fixed throat steel door frame designed for interior and exterior applications where the strength of a steel door frame is desired. Especially suited for new construction and light commercial applications: hotel/motel, modular, assisted living, or residential.

MATERIAL: 18 gauge (standard) and 20 gauge Cold-Rolled Steel per ASTM A1008M-16 steel or 16, 18, or 20 gauge A40 Galvanneal

PROFILE: Standard double rabbet, single rabbet and cased opening jamb profiles

DOOR THICKNESS: For use with 1-3/8" or 1-3/4" thickness doors (steel or wood)

WALL SIZE: 3-1/2"* to 13" fire rated, up to 15" non-fire rated

STOP HEIGHT: 5/8"

HINGE REINFORCEMENTS: Prepared with three 3-1/2", 4", 4-1/2" standard weight 14 gauge hinge reinforcements or 10 gauge or 4-1/2" and 5" heavyweight hinge reinforcements

STRIKE PREP: Embossed 2-3/4" T-Strike Prep

CASING: Standard casing is 22 gauge cold-rolled steel per ASTM A1008M-16

FINISHING: Prefinished in eight standard colors

FIRE RATING: Embossed or Mylar up to 90 minutes neutral and positive pressure fire label; wood or steel stud wall constructions. See page 12 for more information.

Options

- S56 steel colonial casing, aluminum casing, A40 Galvanneal or prep for wood casing
- 16 Gauge is available as 3 sided only
- Special hinge or strike location
- Universal Hinge Prep (no charge)
- 4-7/8" adjustable ASA strike prep (no charge)
- Welded 4.5" or 5" heavy weight strike
- 2-3/4" Deadbolt strike (1-3/4" doors)
- 2-1/4" Full lip strike (1-3/4" doors)

*Smaller wall sizes available as a single rabbet



Kerf RediFrame® Fixed Frame for Weatherstripping

Kerf profile option for RediFrame® is a prefinished fixed throat steel door frame designed for interior and exterior applications where the strength of a steel door frame is desired but weatherstripping is also needed. Especially suited for new and light commercial applications: hotel/motel, modular, assisted living, or residential.

MATERIAL: 18 gauge (standard) and 20 gauge Cold-Rolled Steel per ASTM A1008M-16 steel or 16, 18, or 20 gauge A40 Galvanneal

PROFILE: Standard double rabbet and single rabbet jamb profiles

DOOR THICKNESS: For use with 1-3/4" thickness doors (steel or wood)

WALL SIZE: 4-3/4" to 13" fire rated, up to 15" non-fire rated

STOP HEIGHT: 5/8"

HINGE REINFORCEMENTS: Prepared with 12 gauge 4-7/8" adjustable ASA Strike Prep Standard reinforcements

STRIKE PREP: Embossed 2-3/4" T-Strike Prep

CASING: Standard casing is 22 gauge cold-rolled steel per ASTM A1008M-16

FINISHING: Prefinished in eight standard colors

FIRE RATING: Embossed or Mylar up to 90 minutes neutral and positive pressure fire label; wood or steel stud wall constructions. See page 12 for more information.

Options

- S56 steel colonial casing, aluminum casing, A40 Galvanneal or prep for wood casing
- 16 Gauge is available as 3 sided only
- Special hinge or strike location
- Non-standard wall size
- Universal Hinge Prep (no charge)
- 4-7/8" adjustable ASA strike prep (no charge)
- Welded 4.5" or 5" heavy weight strike
- 2-3/4" Deadbolt strike (1-3/4" doors)
- 2-1/4" Full lip strike (1-3/4" doors)



RediFlex® Adjustable Frame

RediFlex® is an adjustable throat steel door frame designed for interior and exterior applications where varying wall sizes must be accommodated and for pre-hanging. Residential or light commercial, new or remodeling construction.

MATERIAL: 18 gauge (standard) and 20 gauge Cold-Rolled Steel per ASTM A1008M-16 steel or 16, 18, or 20 gauge A40 Galvanneal

PROFILE: Standard double rabbet, single rabbet and cased opening jamb profiles

DOOR THICKNESS: For use with 1-3/8" or 1-3/4" thickness doors (steel or wood)

WALL SIZE: 4" to 12-1/4" (1-1/4" adjustments) to accommodate non-standard wall sizes

STOP HEIGHT: 5/8"

HINGE REINFORCEMENTS: Prepared with three 3-1/2", 4", 4-1/2" standard weight 14 gauge hinge reinforcements or 10 gauge or 4-1/2" and 5" heavyweight hinge reinforcements

STRIKE PREP: Embossed 2-3/4" T-Strike Prep

CASING: Standard casing is 22 gauge cold-rolled steel per ASTM A1008M-16

FINISHING: Prefinished in eight standard colors

FIRE RATING: Embossed or Mylar up to 90 minutes neutral and positive pressure fire label; wood or steel stud wall constructions. See page 12 for more information.

Options

- S56 steel colonial casing, aluminum casing, A40 Galvanneal or prep for wood casing
- 16 Gauge is available as 3 sided only
- Special hinge or strike location
- Universal Hinge Prep (no charge)
- 4-7/8" adjustable ASA strike prep (no charge, 1-3/4" doors only)
- Welded 4.5" or 5" heavy weight strike
- 2-3/4" Deadbolt strike (1-3/4" doors only)
- 2-1/4" Full lip strike (1-3/4" doors only)
- Threshold prep

*Base side: 18 or 20 gauge. See page 16 for complete listing.
Closure side: 18 or 22 gauge. See page 16 for complete listing.



Kerf RediFlex® Adjustable Frame for Weatherstripping

Kerf profile option for RediFlex® is an adjustable throat steel door frame designed for prehang applications. Residential or light commercial, new or remodeling construction, the applications for RediFlex® are endless.

MATERIAL: 18 gauge (standard) and 20 gauge Cold-Rolled Steel per ASTM A1008M-16 steel or 16, 18, or 20 gauge A40 Galvanneal

PROFILE: Standard double rabbet, single rabbet and cased opening jamb profiles

DOOR THICKNESS: For use with 1-3/4" thickness doors (steel or wood)

WALL SIZE: 4" to 12-1/4" (1" adjustments) to accommodate non-standard wall sizes

STOP HEIGHT: 5/8"

HINGE REINFORCEMENTS: Prepared with three 3-1/2", 4", 4-1/2" standard weight 14 gauge hinge reinforcements or 10 gauge or 4-1/2" and 5" heavyweight hinge reinforcements

STRIKE PREP: Embossed 2-3/4" T-Strike Prep

CASING: Standard casing is 22 gauge cold-rolled steel per ASTM A1008M-16

FINISHING: Prefinished in eight standard colors

FIRE RATING: Embossed or Mylar up to 90 minutes neutral and positive pressure fire label; wood or steel stud wall constructions. See page 12 for more information.

Options

- S56 steel colonial casing, aluminum casing, A40 Galvanneal or prep for wood casing
- 16 Gauge is available as 3 sided only
- Special hinge or strike location
- Universal Hinge Prep (no charge)
- 4-7/8" adjustable ASA strike prep (no charge, 1-3/4" doors only)
- Welded 4.5" or 5" heavy weight strike
- 2-3/4" Deadbolt strike (1-3/4" doors only)
- 2-1/4" Full lip strike (1-3/4" doors only)
- Threshold prep

*Base side: 18 or 20 gauge. See page 16 for complete listing.
Closure side: 18 or 22 gauge. See page 16 for complete listing.

RediFrame® and RediFlex® are demountable without any damage to the finished door, frame, or wall!

The original

Pre-Finished, Fire-Rated Steel Door Frame

Multiple adaptations for a variety of applications

Sidelites and Borrowed Lites

RediFrame® is engineered to adapt to an array of design considerations, limited only by the imagination. RediFrame is easily reconfigured to produce custom borrowed lites and sidelites to specifications. Like all RediFrame products, these borrowed lites and sidelites are prefinished and designed to be installed after the walls are finished. Sidelites are fire-rated up to 45 minutes; borrowed lites are rated up to 60 minutes (See fire ratings page 12).

MATERIAL: 18 gauge (standard), and 20 gauge cold-rolled steel per ASTM A1008M-16 steel or A40 Galvanneal

WALL SIZE: 3-1/2"* to 13" fire rated, up to 15" non-fire rated

STOP HEIGHT: 5/8"

WIDTH: Maximum overall dimension of frame – 9'10" (contact factory for split Sidelites that are oversized)

HEIGHT: Maximum overall dimension of frame – 9'10" (contact factory for split Sidelites that are oversized)

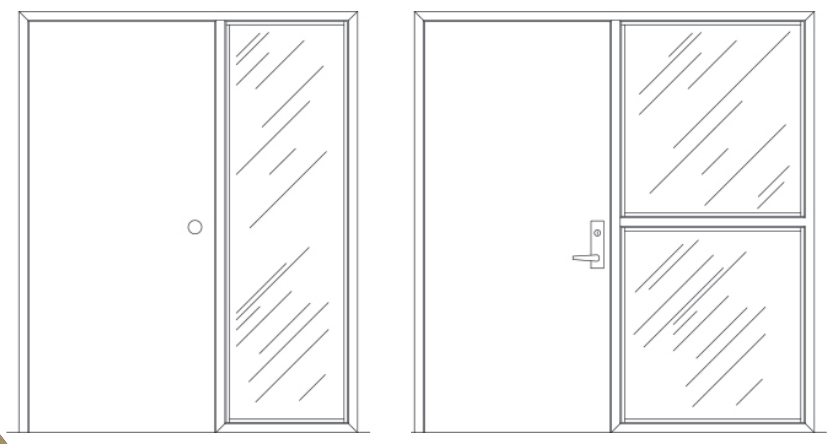
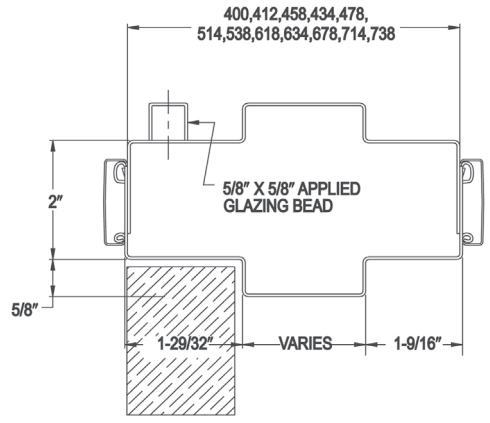
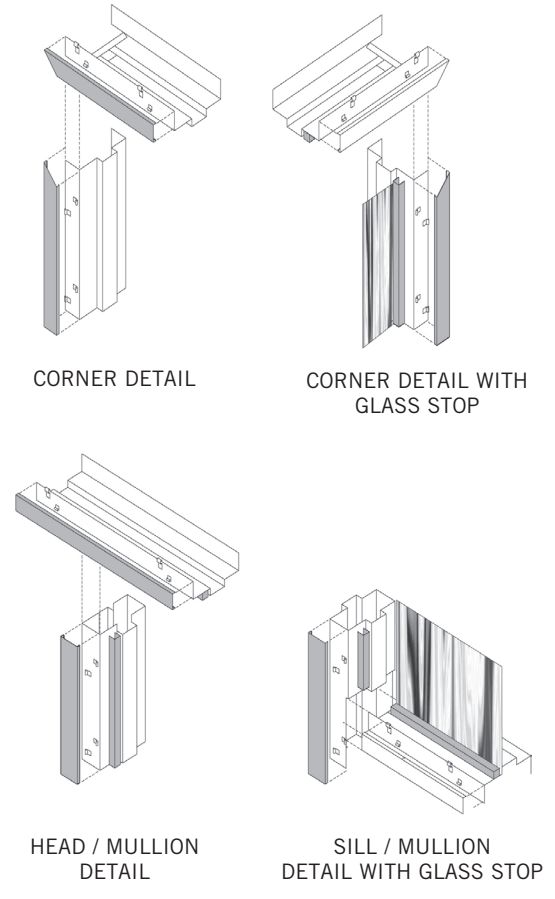
CASING: Standard casing is 22 gauge cold-rolled steel per ASTM A1008M-16. S56 casing not available on mullions.

GLASS STOP: 5/8" Stop cut-to-size with countersunk hole and fastening screws.

FINISHING: Prefinished in eight standard colors

FIRE RATING: 45- and 60-minute mylar (3-1/2" minimum wall size); steel or wood casing prep

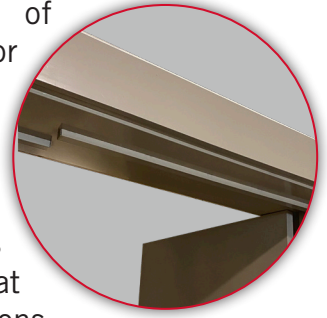
*Smaller wall sizes available as a single rabbet



8 Sidelite Multi Sidelite

Double Egress

The great advantage of RediFrame® on interior walls can now be used for corridors. Double egress frames are primarily used in cross corridor applications using pairs of doors that swing in opposite directions.



Dunbarton RediFrame® double egress can be fire rated up to 90 minutes with 4080 paired doors. Hardware applications include surface or concealed rods including less bottom rods.

MATERIAL: 16 and 18 gauge cold-rolled steel per ASTM A366 steel or A40 Galvanneal

WALL SIZE: 4-7/8" to 14" in 1/8" increments with a maximum wall size of 13" fire rated

STOP HEIGHT: 5/8"

WIDTH: 6'0" to 8'0" in 2" increments

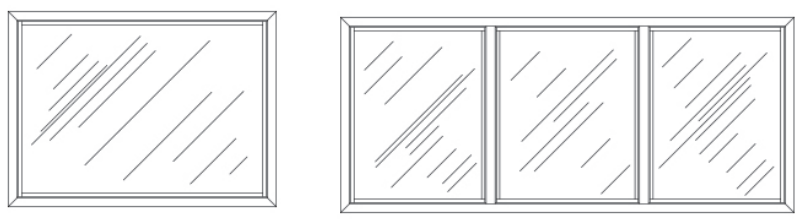
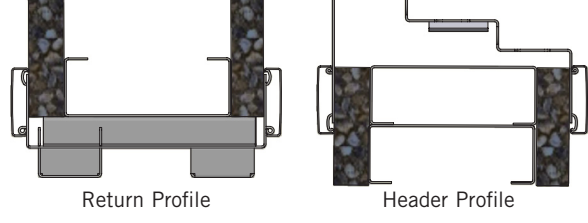
HEIGHT: 6'8", 7'0", 8'0" (custom size available, see factory)

CASING: 22 Gauge Cold-Rolled Steel per ASTM-A366 casing mitered for the head and upright jambs; same color as the frame. *Note: Aluminum or S56 Steel Colonial casing and wood casing prep are optional*

GLASS STOP: 5/8" Stop cut-to-size with countersunk hole and fastening screws.

FINISHING: Prefinished in eight standard colors

FIRE RATING: Embossed 90 minutes neutral and positive pressure fire label; wood or steel stud wall constructions.



Borrowed Lite Borrowed Lite with Mullion

Pocket Doors

Combine the advantages of RediFrame® with your pocket doors. This application is designed for interior usage only and may be utilized with Dunbarton's Steel, Aluminum, or True 2-1/4" Colonial Steel Casing for a classic design.



Pocket Door Frames are available in 18 gauge cold-rolled steel only and may be fire rated up to 90 minutes to ensure complete safety.

MATERIAL: 18 gauge cold-rolled steel per ASTM A366 steel or A40 Galvanneal

WALL SIZE: 4-1/2", 4-5/8", 4-3/4", 4-7/8", 5-3/8", 6-5/8", 6-7/8"

WIDTH: 1'6", 1'8", 2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'4", 3'6", 3'8"

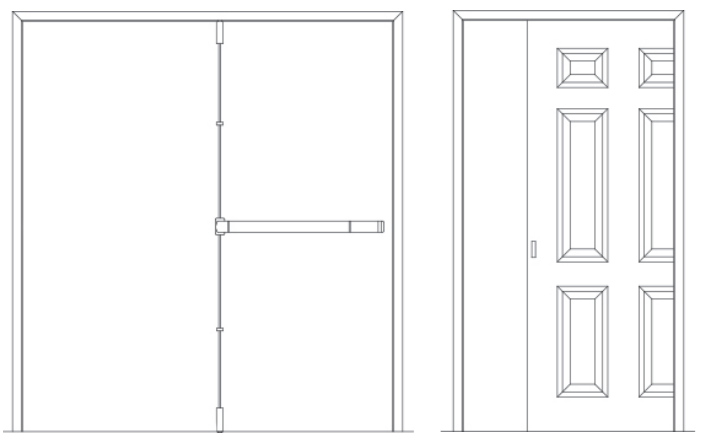
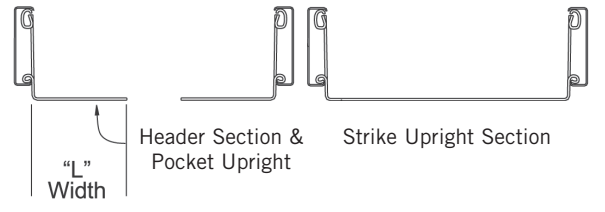
(Note: Header length is 1/2" LESS than nominal. Example: 3'0" = 35-1/2" header length.)

HEIGHT: 6'8", 7'0", 8'0" (custom size available, see factory)

CASING: 22 Gauge Cold-Rolled Steel per ASTM-A366 casing mitered for the head and upright jambs; same color as the frame. *Note: Aluminum or S56 Steel Colonial casing and wood casing prep are optional*

FINISHING: Prefinished in eight standard colors

FIRE RATING: Embossed 90 minutes neutral and positive pressure fire label; wood or steel stud wall constructions.



Double Egress Pocket

Sidelite and Borrowed Lite Options

- Sidelite (single/double)
- Sidelite with mullion(s)
- Partial Sidelite
- Borrowed Lite
- Borrowed Lite with mullion(s)
- Transom
- Panel Over

RediFrame's Engineers can create a *custom* sidelite or borrowed lite application for your project.

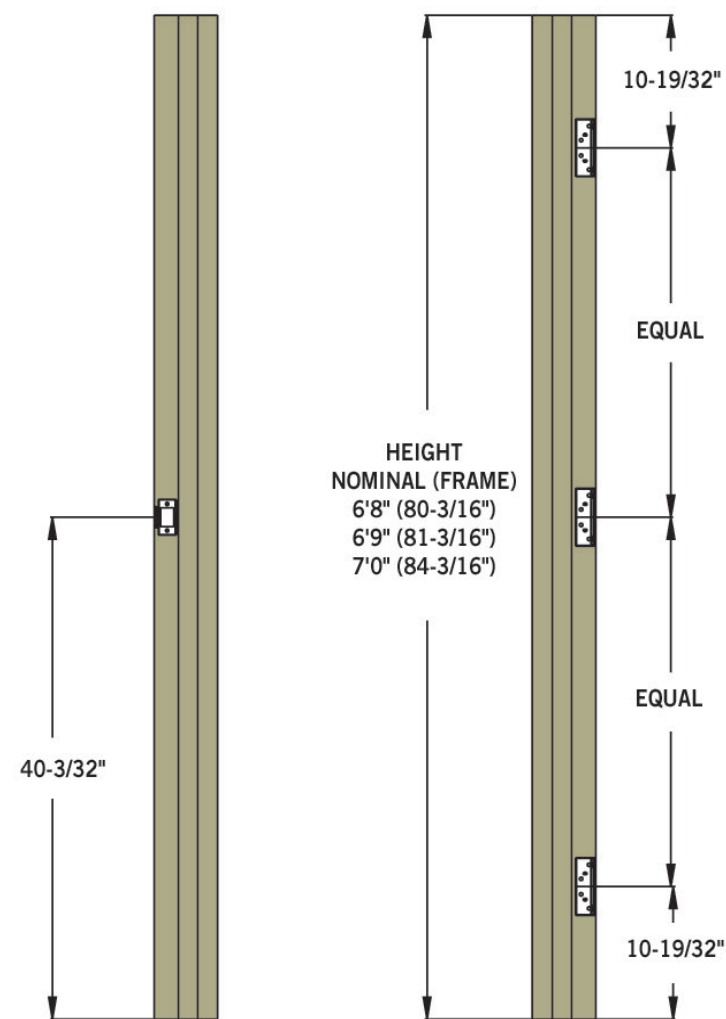


Hardware and Accessories for a complete door

Standard Hardware Locations

Contact factory or see website for complete Standard Hardware Locations

**Hinge & Strike Locations for 4-1/2" hinges,
2-3/4" T Strike or 4-7/8" ASA Strike**



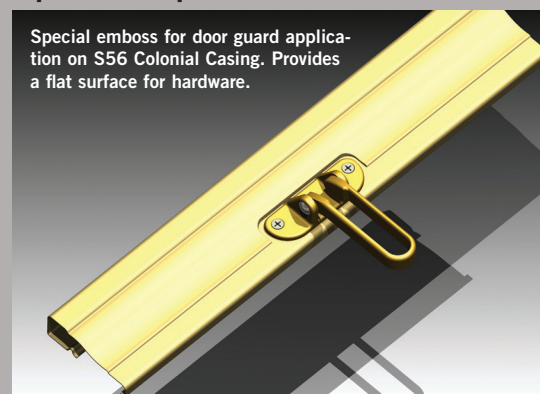
Strike Preps



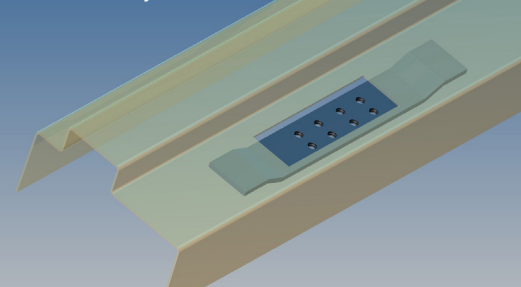
Hinge Preps



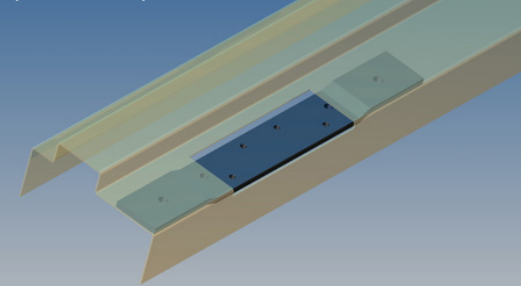
Special Preps



ABH 1000 / GJ100 series concealed overhead stop (RediFrame Only)

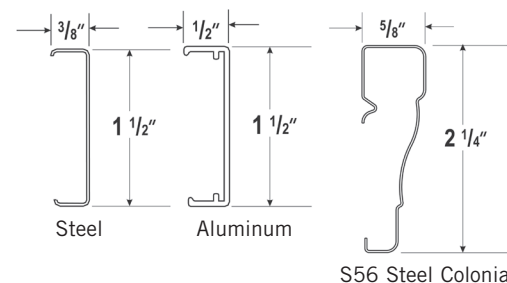


4-1/2" Heavy weight hinge prep (.180 thickness)



Casing

Dunbarton frames and casing are designed to work together to offer the best commercial, industrial, and multi-family package. We offer casing in steel, aluminum, and S56 Colonial. However, you also have the option to use any wood trim you prefer. Additionally, all trims are available in our standard colors or custom color-matched to meet your job specifications!



Steel

Prefinished steel designed for ease of installation. Standard on all RediFrame products except Kerf Rediflex.

Profile size:
1-1/2" width

Aluminum

Modern, sculptured lines in durable prefinished aluminum. Available in same color finishes as steel.

Profile size:
1-1/2" width

S56 Steel Colonial

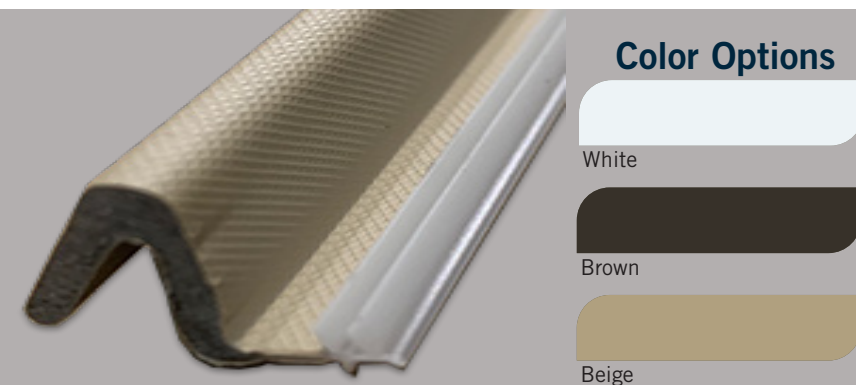
Specially designed corner clips align S56 to standard RediFrame casing clips. Available in same color finishes as steel.

Profile size:
True 2-1/4" width

Wood Casing Note: Wood casing requires a frame without casing lance. Specify frames with no lance and no casing. Wood casing can be attached to the frame face using nails or screws at the discretion of the installer. Casing profile must provide back clearance for screw heads used to install frame.

Weatherstripping

Dunbarton's 90-minute fire-rated weatherstripping is available in three colors: white, brown, and beige. The easy-to-install kerf weatherstripping comes ready to install on-site or is available pre-installed. Be sure to specify weatherstripping when ordering kerf frames.



Thresholds

The purpose of a threshold is to close the gap between the bottom of a door and the floor. Thresholds are used with door bottoms and weatherstripping to seal the opening, preventing air, rain, and snow from entering. Dunbarton has four standard styles with two extenders for the fixed inswing, with other options available.



Frame height can be adjusted to accommodate the threshold height with a standard undercut door. Sweep height must be considered when determining the frame height, door height, and threshold height. For full threshold options, see your Dunbarton salesperson, or the Dunbarton website.

Hinge Prep Specifications

Size	Type	Product			
		RF	Kerf RF	RFX	Kerf RFX
3-1/2"	1/4" Radius Corner (1-3/8" door)	■	—	■	—
3-1/2"	5/8" Radius Corner (1-3/8" door)	■*	—	■*	—
4"	1/4" Radius Corner	■	■	■	■
4"	5/8" Radius UHP ^o	■	■	■	■
4-1/2"	Square Corner (.134) Std. Weight	■	■	■	■
4-1/2"	Square Corner (.180) Heavy Weight	■**	■**	■**	■**
5"	Square Corner (.190) Heavy Weight	■**	■**	■**	■**

^oUHP = Universal Hinge Prep; Adapts to Pease, Taylor, Therma Tru, Masonite, and standard template hinge patterns.

Strike Prep Specifications

Size	Type	Product			
		RF	Kerf RF	RFX	Kerf RFX
1-1/4" x 2-3/4"	"T" Strike Emboss (1-3/8" door)	■	—	■	—
1-1/4" x 2-3/4"	"T" Strike Emboss (1-3/4" door)	■	■	■	■
1-1/4" x 4-7/8"	"ASA" Adjustable Strike Emboss (1-3/4" door)	■*	■*	■**	■
1-1/8" x 2-3/4"	Deadbolt Strike Emboss (1-3/4" door)	■**	■**	■**	■**
1-1/2" x 2-1/4"	Full Lip Strike (1-3/4" doors only)	■*	■*	■*	■*

* = Option / NC ** = Option / Upcharge

Fire Ratings from 45-90 minutes

Fire Ratings

UL 10B (NEUTRAL) and UL10C (POSITIVE) FIRE RATINGS

RediFrame® / KERF RediFrame® PREFINISHED DOOR FRAMES

*SINGLE AND PAIR DOOR FRAMES (1-3/4" DOOR)

Rating	Maximum Opening Size	*Minimum Wall Size	Maximum Wall Size	Frame Gauge	Test Standard	Edge Seals
90 min.	4'0" x 9'0"	3-1/2"	13"	18 or 20	Neutral	Not Required
90 min.	8'0" x 9'0"	3-1/2"	13"	18 or 20	Neutral	Not Required
90 min.	4'0" x 9'0"	3-1/2"	13"	18 or 20	Positive***	*Listed Cat. A Doors: No additional edge seals required.
90 min.	8'0" x 9'0"	3-1/2"	13"	18 or 20	Positive***	*Listed Cat. B Doors: Additional Category G edge seals required.

*4" Minimum Wall for Kerf RediFrame

**5" Smoke and Draft label; applicable only if listed Category H Smoke and Draft Control Gasket is applied.

SIDELITE / TRANSOM ASSEMBLY FRAMES (1-3/4" DOORS) MAXIMUM ASSEMBLY SIZE — 10' Width x 10' Height

Rating	Minimum Wall Size	Maximum Wall Size	Maximum Glass Width+	Maximum Glass Height+	Frame Gauge	Glass Type	Test Standard	Maximum Door Size	Glazing Material	Max. Assembly Size
45 min.	3-1/2"	13'	24"	106"	18 or 20	Wire	Neutral	3'0" x 9'0"	Not Required	10'0" x 10'0"
45 min.	3-1/2"	13'	36"	36"	18 or 20	Wire	Neutral	3'0" x 9'0"	Not Required	10'0" x 10'0"
45 min.	3-1/2"	13'	36"	94"	18 or 20	Ceramic	Neutral	3'0" x 9'0"	Listed	10'0" x 10'0"
45 min.	3-1/2"	13'	24"	106"	18 or 20	Wire	Positive***	3'0" x 9'0"	Listed	10'0" x 10'0"
45 min.	3-1/2"	13'	36"	94"	18 or 20	Ceramic	Positive***	3'0" x 9'0"	Listed	10'0" x 10'0"

+ Visible glass equals glass size - 2" X stop height (5/8") Example: 36" Glass Width = 34-3/4" Visible Glass

FIRE WINDOW FRAMES

Rating	Minimum Wall Size	Maximum Wall Size	Maximum Glass Width+	Maximum Glass Height+	Frame Gauge	Glass Type	Test Standard	Glazing Material	Max. Assembly Size
45 min.	3-1/2"	13'	24"	106"	18 or 20	Wire	Neutral	Not Required	10'0" x 10'0"
45 min.	3-1/2"	13'	36"	36"	18 or 20	Wire	Neutral	Not Required	10'0" x 10'0"
60 min.	3-1/2"	13'	36"	36"	18 or 20	Wire	Neutral	Listed	9'4" x 3'0"
45 min.	3-1/2"	13'	24"	106"	18 or 20	Wire	Positive***	Listed	10'0" x 10'0"
45 min.	3-1/2"	13'	36"	94"	18 or 20	Ceramic	Positive***	Listed	10'0" x 10'0"

+ Visible glass equals glass size - 2" X stop height (5/8") Example: 36" Glass Width = 34-3/4" Visible Glass

REDIFLEX® ADJUSTABLE FRAMES

Rating	Minimum Wall Size	Maximum Wall Size	Maximum Wall Size Kerf	Maximum Wall Size Non-Kerf	Base Gauge	Closure Gauge	Maximum Frame Size	Test Standard	Edge Seals
90 min.	4"	12-1/2"	12-1/4"	12-1/4"	18 or 20	22 or 18	3'6" x 7'1"	Neutral	Not Required
90 min.	4"	12-1/2"	12-1/4"	12-1/4"	18	22 or 18	3'0" x 8'0"	Neutral	Not Required
90 min.	4"	12-1/2"	12-1/4"	12-1/4"	18	22 or 18	6'0" x 7'0"	Neutral	Not Required
60 min.**	4"	12-1/2"	12-1/4"	12-1/4"	18	22 or 18	8'0" x 8'0"	Neutral	Not Required
90 min.	4"	12-1/2"	12-1/4"	12-1/4"	18 or 20	22 or 18	3'0" x 7'0"	Positive***	*Listed Cat. A Doors: No add. edge seals reqd.
90 min.	4"	12-1/2"	12-1/4"	12-1/4"	18	22 or 18	3'0" x 8'0"	Positive***	*Listed Cat. B Doors: Add. Category G edge seals reqd.
90 min.	4"	12-1/2"	12-1/4"	12-1/4"	18	22 or 18	6'0" x 7'0"	Positive***	*Listed
60 min.**	4"	12-1/2"	12-1/4"	12-1/4"	18	22 or 18	8'0" x 8'0"	Positive***	*Listed

**Reinforcing screws required

ALL RATINGS ARE SUITABLE FOR STEEL, ALUMINUM, S56 STEEL COLONIAL OR WOOD TRIM. *** Maximum 60 minutes with wood trim option



RediFrame® INSTALLATION
Sleeve header and upright over wall sections in opening. Pull header firmly down so that side jambs rest on floor. Install door, close; use as template to square frame.



Apply fasteners starting in middle of header and upper end of hinge jamb. Apply one fastener per lance.



Apply steel, aluminum or S56 Colonial steel casing by rolling over casing lance and snapping over bottom of clip.



REDIFLEX® INSTALLATION
Assemble base unit consisting of base header and uprights, threshold, and door. Rotate base unit into the opening.



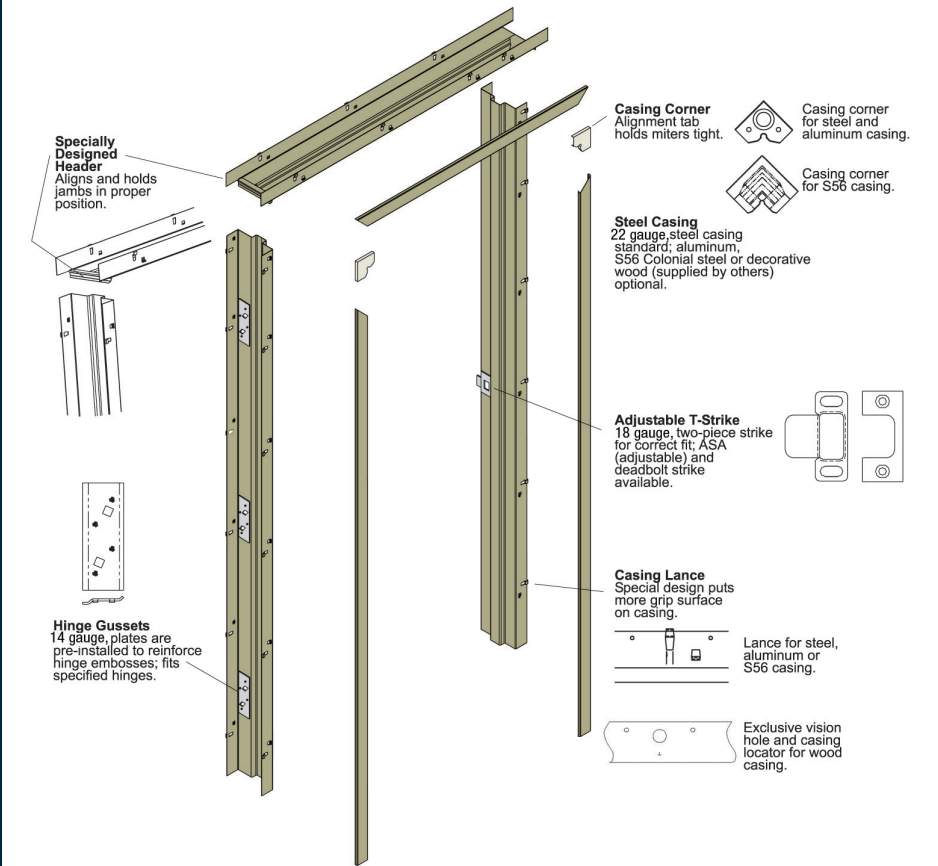
Install frame closure pieces after setting clearances. Attach to wall using recommended fasteners.



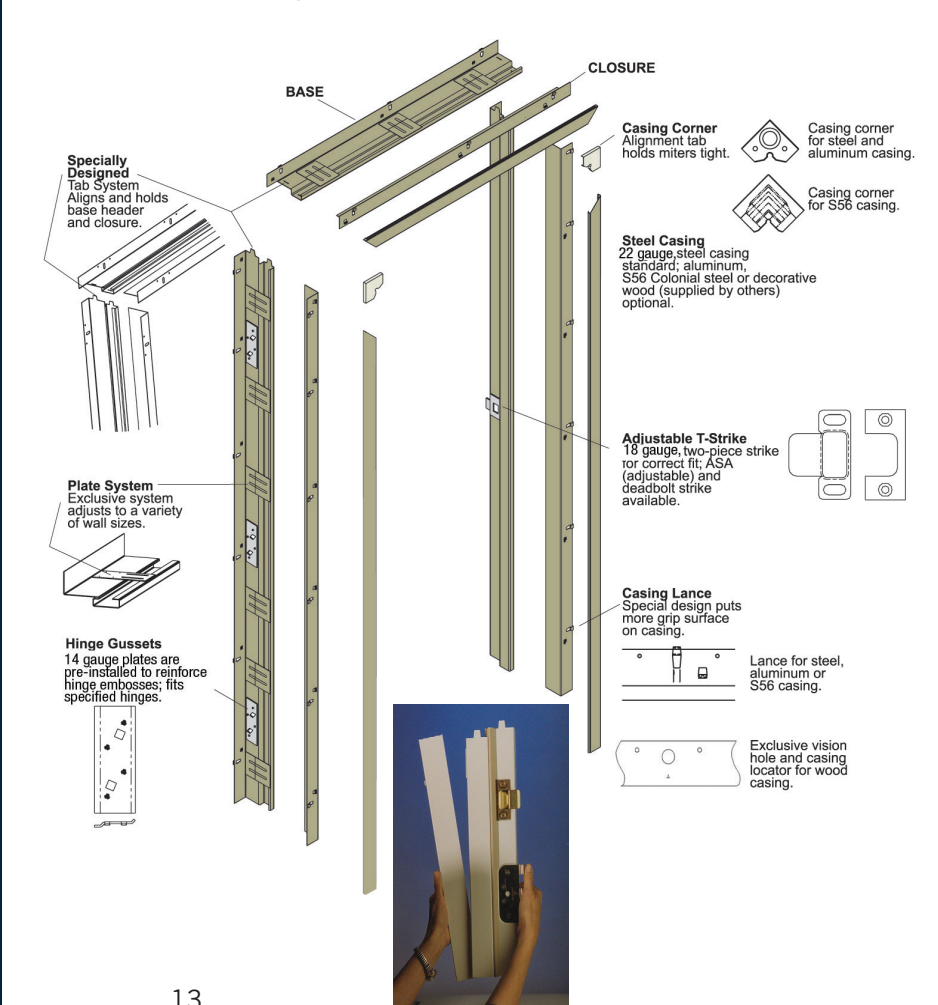
Apply wood casing using the vision slots on the frame. Standard Steel, aluminum or S56 steel is applied same as RediFrame® with appropriate clip system.

Installation simple and easy

RediFrame® Fixed



RediFlex® Adjustable



Dunbarton *pledges* to stay ahead of the field when it comes to fire ratings.

We have taken the initiative to pass the most stringent and difficult tests to acquire the Warnock Hersey standard in both neutral (UL 10B) and positive (UL 10C) pressure fire ratings with RediFrame and RediFlex along with NFPA 252 criteria.

All RediFrame fire ratings can be applied to drywall construction with both steel and wood studs along with concrete/masonry walls using a sub-buck channel or wood buck with sheet rock. All frames must be self-closing (closer or spring hinges) and self-latching.

The level of fire rating of the opening will be determined by the component with the lowest test rating. Frames for 1-3/8" doors cannot be fire rated. Smoke and positive pressure opening may require additional category "G" seals.

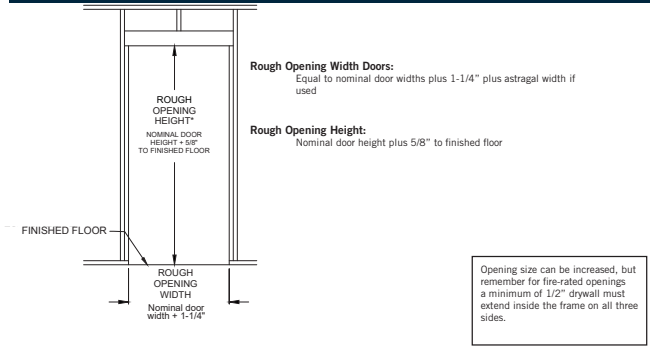
Your safety is our *priority!*

Rough Openings to fit the frame

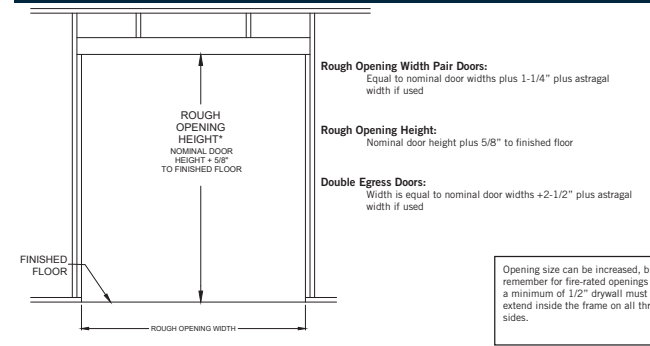
Rough Openings

Measure rough opening for door frames and sidelites from finished floor. Frames may be conveniently installed after walls are finished and flooring application is laid.

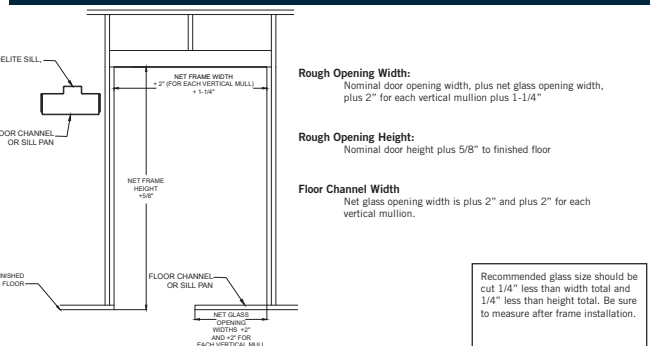
Standard Drywall Single Door Standard RediFrame Kerfed RediFrame | Kerfed RediFlex | RediFit



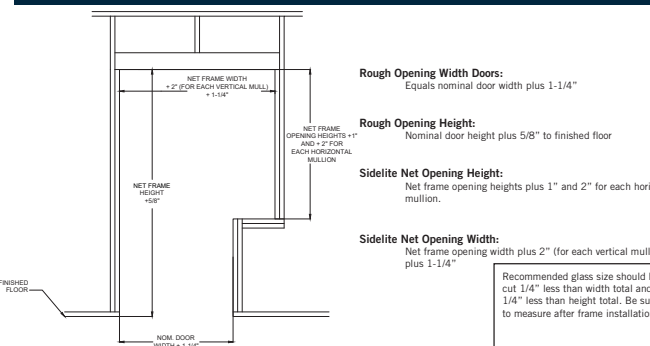
Standard Drywall Pair Door RediFrame | Kerf RediFrame | RediFit



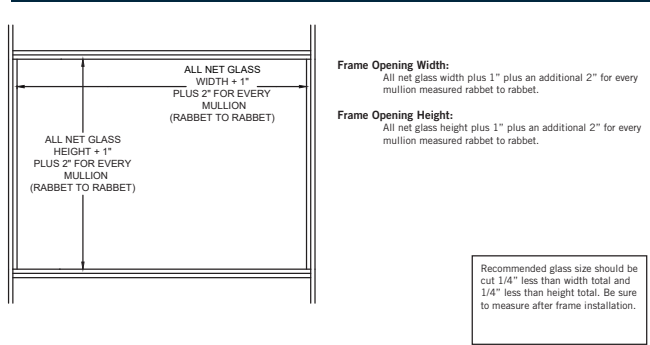
Standard Drywall Sidelite



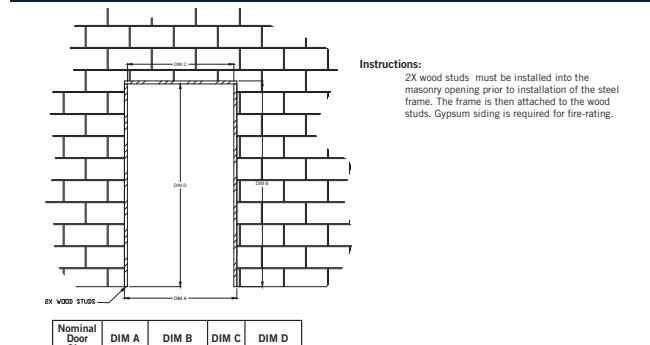
Standard Drywall Partial Sidelite



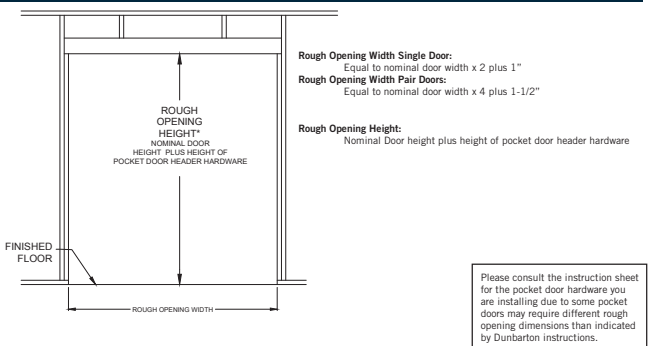
Standard Drywall Borrowed Lites



Masonry Wall RediFrame



Standard Drywall Pocket Door



Nominal Door Size	DIM A	DIM B	DIM C	DIM D
2068	28"	82-3/16"	25"	80-11/16"
2468	32"	82-3/16"	29"	80-11/16"
2668	34"	82-3/16"	31"	80-11/16"
2868	36"	82-3/16"	33"	80-11/16"
3068	40"	82-3/16"	37"	80-11/16"
3668	46"	82-3/16"	43"	80-11/16"
4068	52"	82-3/16"	49"	80-11/16"
5068	64"	82-3/16"	61"	80-11/16"
6068	76"	82-3/16"	73"	80-11/16"
2070	28"	82-3/16"	25"	84-11/16"
2470	32"	82-3/16"	29"	84-11/16"
2670	34"	82-3/16"	31"	84-11/16"
2870	36"	82-3/16"	33"	84-11/16"
3070	40"	82-3/16"	37"	84-11/16"
3670	46"	82-3/16"	43"	84-11/16"
4070	52"	82-3/16"	49"	84-11/16"
5070	64"	82-3/16"	61"	84-11/16"
6070	76"	82-3/16"	73"	84-11/16"
2080	28"	98-3/16"	25"	96-11/16"
2480	32"	98-3/16"	29"	96-11/16"
2680	34"	98-3/16"	31"	96-11/16"
2880	36"	98-3/16"	33"	96-11/16"
3080	40"	98-3/16"	37"	96-11/16"
3680	46"	98-3/16"	43"	96-11/16"
4080	52"	98-3/16"	49"	96-11/16"
5080	64"	98-3/16"	61"	96-11/16"
6080	76"	98-3/16"	73"	96-11/16"

Prefinish any frame

Finishes

Prefinished RediFrame® is available in eight standard colors. Our "Custom color" selections can be matched to ensure the finished product will meet your specifications, even tangerine.

RediFrame® is finished in a state-of-the-art paint assembly line with electrostatically-applied, baked-on enamel. Paint finish meets or exceeds 200 hour salt spray test per ASTM-B117-97 and 700 hour humidity test per ASTM-D1735-87.

RediFrame® is available in cold rolled steel or A40 Galvanealed.



Standard Color Selections

RediFrame Brown	Bright White
Ivory	Light Gray (option)*
Mojave Brown (option)*	Alusteel (option)*
Tan (option)*	Black (option)*

* Indicates upcharge

Prime Colors

Prime Gray (not intended for top coat)

Custom Colors

RediFrame® can match your custom color to your specifications!

Contact factory for lead times and pricing.

Specifications

Part 1 GENERAL

1.1 DESCRIPTION

- A. Furnish factory prefinished or primed steel door frames for interior and exterior doors. Refer to architectural drawings, schedules, and details for required types and sizes of frames.
- B. See Division 8 for information on doors, hardware, glazing, etc.

1.2 QUALITY ASSURANCE

- A. Prefinished or primed steel door frames shall be as manufactured by RediFrame® Products Division.
- B. Approved equal complying with product standards, features, and construction specified herein.
- C. Assembly and installation, including field modifications, shall be performed by qualified workmen who have been approved by the architect or owners' representative.

1.3 SUBMITTALS

- A. Submit manufacturer's specifications for fabrication showing details of design, construction, and installation substantiating that products comply with requirements specified.
- B. Submit shop drawings for architects approval including all necessary information for fabrication and installation of the work to be done in this section.
- C. Provide as prototypes, detail drawings, and color chips as needed for selection or approval by the architect.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver prefinished or primed steel frames cartoned, stretch wrapped, and palletized to provide protection during transit and job storage.
- B. Inspect frames upon delivery for damage. Remove and replace damaged or defective frames prior to final inspection.
- C. Store frames at building site under cover. Place cartons on wood sills at least 4" high or otherwise store on floors in a manner that will prevent rust and damage.

PART 2 PRODUCTS

2.1 FRAMES

- A. Roll form or break frames to sizes and shapes shown on approved drawings.
- B. Hinge jambs shall be embossed for template hinges and reinforced with a zinc plated 14-gauge gusset.
- C. Strike jambs shall be embossed for 2 3/4" T-strike, 4 7/8" adjustable ASA strike or 2 3/4" deadbolt strike as specified.
- D. Each frame shall be punched around the perimeter of the face to anchor the frame to the wall.
- E. Frames shall be lanced on the face of the frame when snap-on casing is to be applied.
- F. Frames shall be punched for vision slot with nail holes only when wood molding is to be applied.
- G. Standard steel snap-on casing shall be manufactured in 22-gauge cold-rolled or A40 Galvanneal (option) steel or .050" aluminum extrusion 6063T5 alloy. S56 steel colonial casing shall be manufactured in cold-rolled or A40 Galvanneal (option) steel and be a minimum of 2-1/4" width.
- H. Wood molding to be supplied by others.

2.2 TYPES

- A. 16, 18 (standard) and 20 Gauge Steel cold-rolled or A40 Galvanneal to be used in commercial applications.
- B. 18-gauge non-kerf adjustable throat frame, cold-rolled or A40 Galvanneal.
- C. 20-gauge non-kerf adjustable throat frame, cold-rolled or A40 Galvanneal.
- D. 18-gauge kerfed adjustable throat frame, cold-rolled or A40 Galvanneal.
- E. 20-gauge kerfed adjustable throat frame, cold-rolled or A40 Galvanneal.

2.3 FINISHES

- A. RediFrame® finish shall be electrostatically baked on enamel on a cleaned and phosphate-treated surface with paint film thickness approximately 1.0 mil.
- B. Provide touch-up paint for all factory prefinished frames.

PART 3 EXECUTION

- A. Verify opening dimensions with the architectural plans and shop drawings.
- B. Install frames plumb and square using the door as a template to assure alignment of the door and frame.
- C. Secure the frame to the wall per manufacturer's specifications.
- D. Repair all damaged or defective frames prior to job closeout or final inspection.

Warranty

The Warranty for REDIFRAME® STEEL FRAMES manufactured by DUNBARTON DOOR AND ENTRY SYSTEMS is to the original consumer purchaser to be free from defects in material and workmanship for a period of one (1) year from the date of purchase.

RediFrame® products manufactured with A40 Galvanneal are warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. A40 Galvanneal should be used for exterior applications and where air has a high salt content or in locations with high humidity; see specifications.

This warranty is applicable only when the product(s) covered by it have been installed in accordance with the recommended written installation instructions of RediFrame® and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subject only to normal use. Because RediFrame® cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or accessories of any product.

ANY AND ALL IMPLIED WARRANTIES HERETO ARE LIMITED TO ONE (1) YEAR FROM THE DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty lasts, so the

above limitations may not apply to you. In the event the original consumer purchaser of any RediFrame® product believes that the frame or any parts thereof covered by this warranty are defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

DUNBARTON DOOR AND ENTRY SYSTEMS
P.O. Box 8577
Dothan, Alabama 36304-0577

Any RediFrame® product, or any parts thereof covered by this warranty which, upon inspection by an authorized representative of DUNBARTON, are found by said representative to be defective will be repaired, replace, or at the option of DUNBARTON, the purchase price of the frame or part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Base and Closure Cartons (from page 7)

BASE CARTON

- (1) hinge side base
- (1) strike side base
- (1) header base
- (1) vinyl sill
- (1) installation instructions
- (1) 17" set of kerf foam weatherstrip
- (1) prehang bag:
 - (1) prehang bracket
 - (2) #6 x 1/2" TEK screw, zinc (frame side)
 - (2) #6 x 3/4" pan head truss screw (door side)(extender screws)
 - (4) #6 x 1-1/2" pan head Phillips type 17 face frame screw (vinyl riser screws)
 - (1) prehang bracket installation instructions
- (1) accessory bag:
 - (1-1/2 pair) 4 x 5/8" radius hinges (brass plain bearing)
 - (14) #10-24 x 1/2" machine screws (brass)
 - (16) #10-24 wood screws (brass)
 - (2) corner seals
 - (5) self-adhesive corrugated spacers
 - (1) #10-24 x 1/2" machine screw (zinc)
 - (2) 3/4" wood screws (zinc)

CLOSURE CARTON

- CLOSURE CARTON
- (2) upright closures
- (1) header closure
- (1) aluminum extender
- (1) 3-in-1 hardware bag:
 - (1) 2-3/4" "T" strike package with screws (brass)
 - (1) deadbolt strike package with screws (brass)
 - (1) deadbolt cover (Ivory, Bright White, RF Brown, Prime Gray) with screws (brass)
 - (2) #10 x 1-1/2" flat head Phillips head screw (zinc)