

INSTALLATION INSTRUCTIONS

FULL VISION BULLET RESISTANT DOOR LEVEL 1 or LEVEL 3 FOR INTERIOR USE



Phone: (800) 262-5151 • Fax: (866) 262-3299
crlaurence.com • usalum.com • crl-arch.com

PROPER CARE AND CLEANING OF BULLET RESISTANT GLASS

Wash glazing with mild solution of soap or detergent and lukewarm water. Typical dishwashing liquid is acceptable.

Using a soft cloth or sponge, gently wash the unit to loosen dirt and rinse well with clear water.

To prevent water spotting, blot dry with a damp cloth or chamois. Do not rub the sheet vigorously with the cloth or chamois when drying as this can cause scratching and could generate static charge.

Avoid the use of abrasive cleaner and/or cleaning implements that may mar or gouge the material.

Contact CRL with any questions regarding specific materials or conditions not covered by these procedures.

IMPORTANT: READ THIS MANUAL THOROUGHLY BEFORE BEGINNING INSTALLATION.

The installation of FVBRD_System requires a working knowledge and experience in the use of tools, equipment and methods necessary for the installation of aluminum door, windows, storefronts and/or partitions. This practice assumes a familiarity with preparing a proper and structurally sound opening, proper anchorage, waterproofing, caulking and sealing and assumes an understanding of fundamentals of building construction that affect the installation of large aluminum door systems.

As regulations governing the use of glazed windows, doors, storefronts and/or partitions vary widely, it is the responsibility of the building owner, architect, contractor or installer to insure that products selected conform to all applicable codes and regulations, including federal, state and local. C.R. Laurence Co., Inc. can assume no obligation or responsibility whatsoever for failure of the building owner, architect, contractor or installer to comply with all applicable laws and ordinances and safety and building codes.

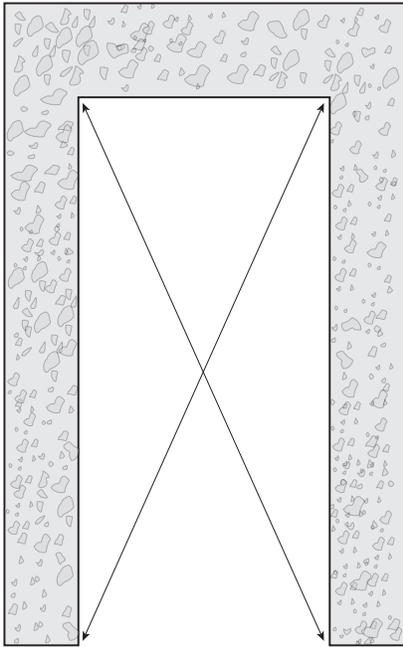
FVBRD_System is shipped with all necessary components. However, not included are screws, bolts, shims, etc. to anchor the unit to the rough opening.

Suggested typical Installation drawings shown are very general and may not be suitable for any particular installation. Product placement, fasteners, flashing, waterproofing, sealant, trim and other details for specific surrounding conditions must be properly designed and provided by others, as specified by a qualified engineer and/or architect.

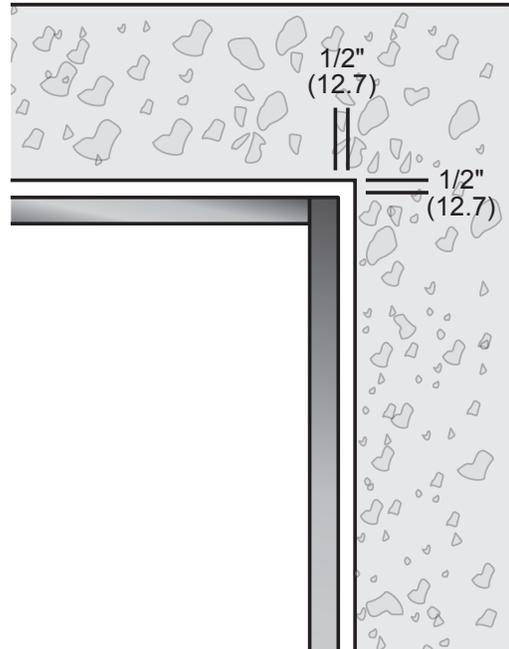
Surface Mount Heavy-Duty Closer

The FVBRD door assembly includes a standard CRL PR90 Surface-mount heavy-duty closer. This hardware is optional. If desired, it should be mounted after door installation is complete. No preparation is provided for the closer unless confirmed in writing at time of the order.

FRAME INSTALLATION



Square and Plumb Rough Opening.



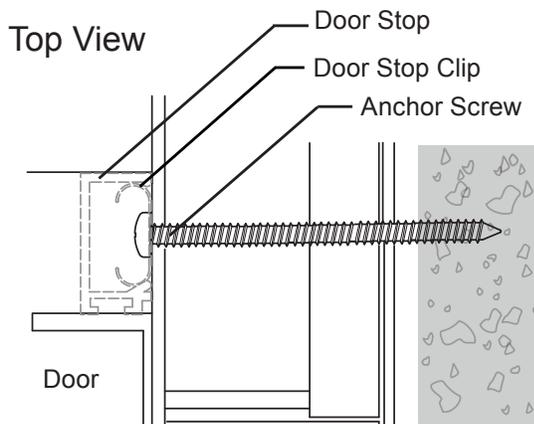
Rough Opening should be 1/2" larger than Frame at Jamb and Head.

RO Width = Frame Width + 1"

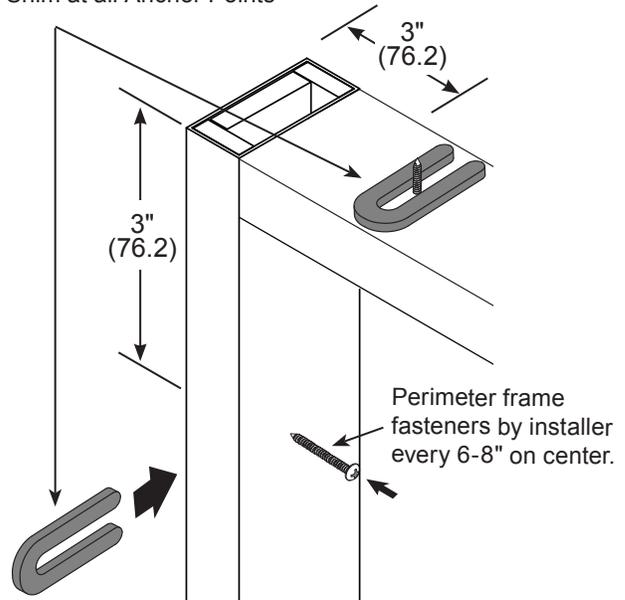
RO Height = Frame Height + 1/2"

Anchor minimum 3" (76.2 mm) in from top corners to clear Shear Blocks.

Shim at all Anchor Points



The Door and Frame are shipped separately. The Gear Hinge is attached to the Door at the factory. The Door Stops are shipped loose. This will allow the Anchor Screws to be installed around the Frame perimeter, between the Door Stop Clips, and then covered by the snap on Door Stops.



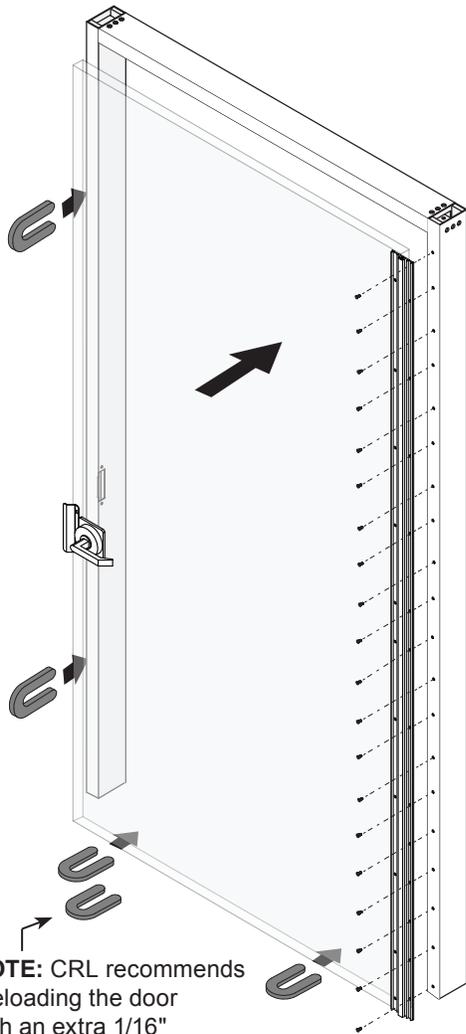
Shim and secure Door Frame to Rough Opening.

NOTE: Drill holes between Door Stop Clips.

Do not over tighten.

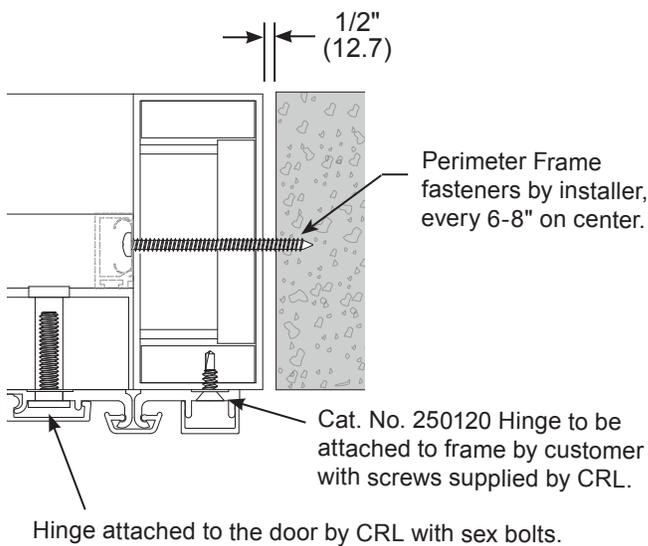
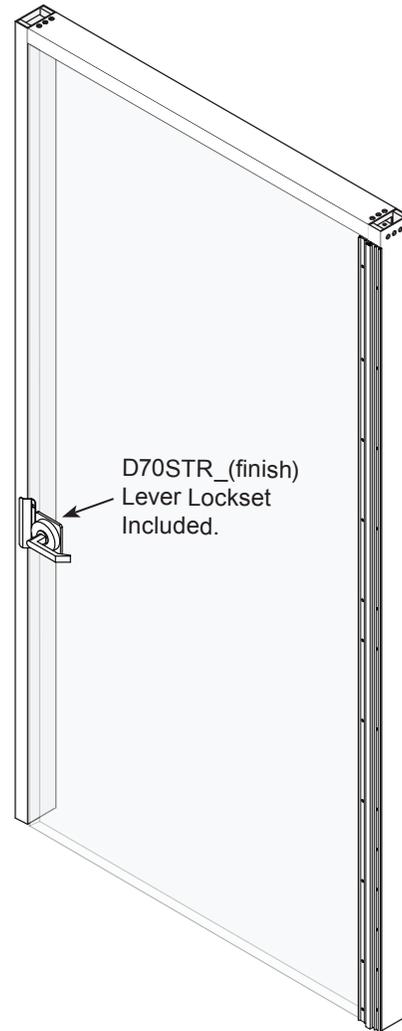
FULL VISION BULLET RESISTANT DOOR

DOOR INSTALLATION



Open the Gear Hinge to 180° degrees and place the door in the frame. Center and Gap using shims. Drill holes through hinge into frame and insert twenty #12 x 3/4" undercut Phillips flat head self-drilling screws. (Supplied, see small hardware pack)

NOTE: CRL recommends preloading the door with an extra 1/16" shim here.



With door in place, check swing and latching. Re-adjust if necessary.