

INSTALLATION INSTRUCTIONS

SLIDING BULLET RESISTANT WINDOWS

C.R. Laurence Interior Sliding Bullet Resistant Windows are manufactured to your specifications and shipped factory glazed and fully assembled. These instructions cover steps common to most installations. Contact the CRL Transaction Hardware Department at (800) 421-6144 EXT. 17760 or transaction@crlaurence.com for questions.

IMPORTANT: READ THIS MANUAL THOROUGHLY BEFORE BEGINNING INSTALLATION.



IMPORTANT: INSPECT AND BENCH TEST WINDOW BEFORE BEGINNING INSTALLATION.



2503 E. Vernon Avenue, Los Angeles, CA 90058-1826 • Phone: (800) 421-6144 EXT. 17760
Fax: (800) 458-7496 • crlaurence.com • Email: transaction@crlaurence.com

WINDOW CHECKLIST

IMPORTANT: The Sliding Bullet Resistant Window should be thoroughly inspected and bench-tested as soon as it is uncrated. Check for screws that may have loosened or out-of-square conditions that may have developed during shipping. Open and close the sliding panel(s) to be sure they are operating smoothly and that the latch handles are engaging correctly. Advise CRL immediately if any damage is noted.

MATERIALS INCLUDED

Sliding Bullet Resistant Windows are shipped fully assembled and glazed.

MATERIALS RECOMMENDED (NOT INCLUDED)

- Fasteners and anchors as required based on substrate into which product is being installed. (#10 Flat Head is typical)
- CRL Cat. No. 199 Utility Knife
- CRL Cat. No. M64 Construction Sealant (Select Color)
- CRL Cat. No. NWS9 Tapered Wood Shims

INSTALLATION PROCEDURES

1. Ensure the opening is square and has proper clearances. Recommended gaps are 1/4" (6 mm) at the top and each side. However, since windows are ordered by the net frame size, your gaps may vary.
2. Drill and countersink holes for fasteners in the header, jambs, and track approximately every 6 - 8" (152 - 203 mm) on center. Make sure that the countersink is deep enough to accommodate the entire screw head, leaving it flush or slightly below the surface. For transom lites only, remove screw-applied stops and glazing, so that fasteners can be located in the transom's head and jamb glazing pockets. There will be factory-applied double-sided foam tape in the glazing pocket with the backing on: remove backing before replacing the glazing and stops (after step seven below).
3. Slip the window into the opening with the bottom of the side channels setting on the base. Starting at the top, shim both sides with CRL Cat. No. NWS9 Tapered Wood Shims (not included) equally in the opening. This can be easily accomplished by inserting the shims opposing each other (one from the outside and one from the inside). Gently push them together until you have filled the equally spaced gaps.
4. Now secure the top of each side jamb with the Flat Head Screws (not included). Do not tighten the screws at this time, just snug them in place. Continue the shimming and securing process down both sides of the window, allowing the exact same space that you allowed at the top. After this procedure is completed, with clearances and squareness checked, gently tap the tapered shims together to achieve a tight fit. Tighten the screws. Now shim across the top of the window using the same procedures as listed above for both sides.
5. Check the operation of the window at this time. Does the window slide freely? If not, the window has possibly been installed improperly. Review Installation Procedure above to ensure proper installation. If the window is installed properly but still does not slide freely, call CRL for assistance.
6. After confirming everything is operating smoothly, take a CRL Cat. No. 199 Utility Knife (not included) and trim off any excess Tapered Wood Shims (not included) protruding beyond the window frame.
7. Caulk around the perimeter of the frame with CRL Cat. No. M64 Construction Sealant (not included).

CARE AND CLEANING

Using a soft cloth or sponge, gently clean the window with a mild solution of soap or detergent and lukewarm water. Thoroughly dry when done to prevent water spots. Avoid chemical cleaners, abrasive cleaners and/or cleaning implements that may cause damage.

Keep track clear of debris.

INTERIOR SLIDING BULLET RESISTANT WINDOWS

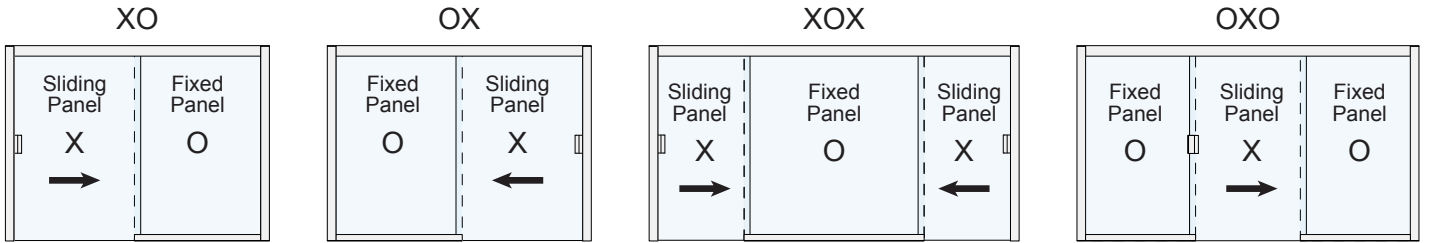
AVAILABLE OPTIONS

MODEL	DESCRIPTION	MODEL	DESCRIPTION
SBRWA1	Satin Anodized Bullet Resistant Level 1	SBRWA3	Satin Anodized Bullet Resistant Level 3
SBRWDU1	Dark Bronze Bullet Resistant Level 1	SBRWDU3	Dark Bronze Bullet Resistant Level 3
SBRWP1	Powder Painted Bullet Resistant Level 1	SBRWP3	Powder Painted Bullet Resistant Level 3
SBRWK1	Kynar Painted Bullet Resistant Level 1	SBRWK3	Kynar Painted Bullet Resistant Level 3
SBRWCA1	Custom Anodized Bullet Resistant Level 1	SBRWCA3	Custom Anodized Bullet Resistant Level 3

Glazing Material for Level 1: 1 - 1/4" (32 mm) ACRYLIC Glazing Material for Level 3: 1 - 1/4" (32 mm) LEXGARD

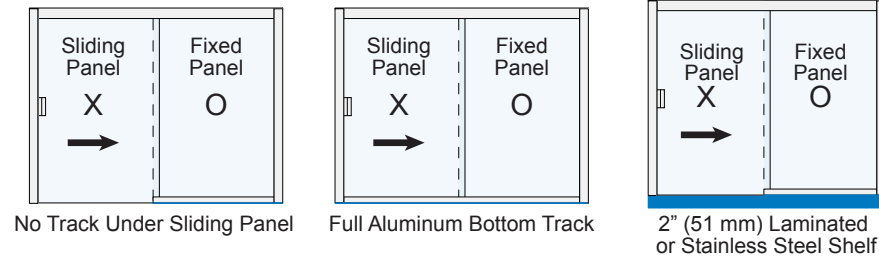
Common Configurations

Determined from Clerk Side. X = Sliding Panel, O = Fixed Panel



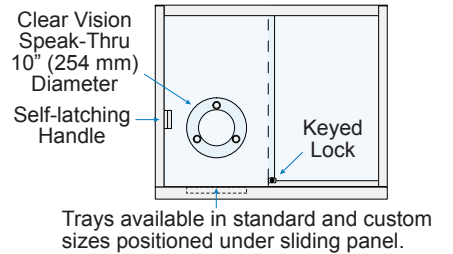
Base Options

Laminated or Stainless Steel shelves add 2" (51 mm) to overall height. Standard 12" (305 mm) deep or 18" (457 mm) with writing ledge. Custom shelves available, maximum 30" (762 mm) deep.



Accessory Options

Speak-Thru(s), Keyed Lock(s), Burglar Bar(s) and Integral or Recessed Deal Tray(s).



Height Restrictions

