

**ALUMINUM FRAMED
BULLET RESISTANT INTERIOR SLIDING WINDOWS**

SECTION 08 5670

PART 1 – GENERAL

1.01 SUMMARY

- A. This section includes:
 - 1. Aluminum Framed Bullet Resistant Interior Sliding Windows as indicated in drawings and in sections.
- B. The publication below forms a part of this specification:
 - 1.UNDERWRITERS LABORATORY UL 752 11th Edition
Standard for Bullet Resisting Equipment dated September 9, 2005.

1.02 SUBMITTALS

- A. Product Data: Submit Manufacturer's technical product data substantiating that products comply.
- B. Shop drawings: Submit for fabrication and installation of windows. Include details, elevations and installation requirement of finish hardware and cleaning.
- C. Certification: Provide printed data in sufficient detail to indicate compliance with the contract documents.

1.03 DELIVERY, STORAGE, AND HANDLING

- A. Deliver windows crated to provide protection during transit and job storage
- B. Inspect windows upon delivery for damage. Unless minor defects can be made to meet the Architect's specifications and satisfaction, damaged parts should be removed and replaced.
- C. Store windows at building site under cover in dry location.

1.04 PROJECT CONDITIONS

- A. Field measurements: Check opening by accurate field measurement before fabrication. Show recorded measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delay of work.

1.05 WARRANTY

All material and workmanship shall be warranted against defects for a period of one (1) year from the original date of purchase.

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PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURER'S

- A. Basis of design: Design is based on model # (**SBRW**) aluminum bullet resistant interior sliding windows, manufactured by:

C.R. Laurence Co., Inc. (CRL)

(800) 421-6144

www.crlaurence.com

2.02 MATERIALS

- A. Frames: Aluminum bullet resistant frame modules shall be to the standards established by U.L. 752 Protection Level ____ (*specify level 1 or 3*). Frames are to be constructed of 6063-T5 extruded aluminum lined with U.L. listed bullet resistant fiberglass for level 3. Replacement of glazing shall be from the secure side of the window or wall unit and does not require the removal of the frame from the opening. Shapes and sizes are to be in accordance with the contract drawings. ***FRAMES MUST UTILIZE TESTING RECOGNIZED UNDER THE STANDARDS ESTABLISHED BY U.L. 752 FOR BULLET RESISTANT COMPONENTS.***
- B. Finish: All aluminum to be clear anodized, duranodic bronze, powder or Kynar painted (*specify color*).
- C. Glazing: The glazing must be in accordance with U.L. 752 testing standards Level ____ (*specify level 1 acrylic, or level 3 polycarbonate*).
- D. Optional Shelf: Provide a shelf not less than 2" thick with recessed deal tray. The shelf is to be the full width of the window and a minimum of 12" deep centered under the glazing. (Options include: 18" deep shelf, 16 ga. stainless steel #4 finish or high pressure laminate shelf.)
- E. Optional Voice Transmission: Communication permitted by optional model # CAD101 or CLD103, clear speak thru mounted in the sliding panel, which provides for natural voice communication.

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Install frames and glazing in accordance with manufacturer's printed instructions and recommendations. Repair damaged units as directed (if approved by the manufacturer and the architect) or replace with new units.

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3.02 CLEANING

- A. Clean frame and glazing surfaces after installation, complying with requirements contained in the manufacturer's instructions. Remove excess glazing sealant compounds, dirt or other substances.

3.03 PROTECTION

- A. Institute protective measures required throughout the remainder of the construction period to ensure that all the windows do not incur any damage or deterioration, other than normal weathering, at the time of acceptance.

END OF SECTION