



SECTION 13070

BULLET-RESISTANT TRANSPARENT PACKAGE PASSER

PART 1 - GENERAL

1.01 DESCRIPTION

A. WORK INCLUDED:

1. All labor, material, equipment, and services necessary to furnish and install bullet-resistant transparent package passer to be located as shown on the construction drawings.
2. Related sections:
 - a.

B. RELATED DOCUMENTS:

1. Underwriters Laboratory, UL 752, Current Edition, Standard for Bullet-Resisting Equipment

1.02 QUALITY ASSURANCE

A. Ballistic Performance: Certification shall be furnished indicating that all materials have been tested in accordance with the appropriate test procedures.

B. Obtain bullet-resistant components through one source from a single manufacturer.

1.03 SUBMITTALS

A. Shop Drawings shall be submitted for approval prior to the fabrication of materials. The drawings shall include plan views, elevations, sections, and details of the proposed installation including attachment methods.

B. Drawings shall indicate dimensions, component profiles, and material finishes.

C. Manufacturer's warranty and product data, glazing product information, and installation instructions shall be included with the submittal package.

1.04 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Pack bullet-resistant items in wood crates for shipment.

B. All items shall be delivered, stored, and handled in a manner that will not damage or deform.

C. Abraded, scarred, or rusty areas shall be cleaned, repaired, or replaced immediately upon detection. Damaged items that cannot be restored to like-new condition shall be replaced.

D. Store crated glazing frames in a dry location on platforms or pallets that are adequately ventilated, free of dust, water, and other contaminants, and stored in a manner that permits easy access for inspection and handling.

1.05 JOB CONDITIONS

A. Field Measurements: Contractor shall verify finished openings by field measurement prior to fabrication and indicate measurements on Shop Drawings.

1.06 WARRANTY

- A. Warranty Period: Glazing frames shall be warranted for a period of 12 months from the date of substantial completion.
- B. Warranty is limited to material defects or workmanship and offered to North American Bullet Proof direct customers. Warranty is limited to replacement of product or refund of invoice price at North American Bullet Proof's discretion. Installation, shipping or other costs are not included in this warranty.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. North American Bullet Proof, 106 Guadalupe Drive, P.O. Box 628, Cibolo, TX 78108. Phone 888.746.8427, Fax 210.225.0984

2.02 MATERIALS

- A. Bullet-Resistant Transparent Package Passer:
 - 1. Model - Shotgard® Series Bullet-Resistant TPP, Transparent Package Passer
 - 2. Components shall be supplied to provide a complete assembly.
 - 3. Ballistic Resistance Performance Level: U.L. 752 Level [1-3/6]
 - 4. TPP Transparent Package Passer to be constructed of 1¼" cell cast acrylic with [plastic laminate] [Corian®]
 - 5. Testing: Independently tested to U.L. 752 to the specified level.

2.03 COMPONENTS

- A. Top/Sides: Provide clear acrylic top and side panels.
- B. Doors: Provide clear acrylic doors at front and back of box.
- C. Base: Provide [plastic laminate] [Corian®] base.
 - 1. Color Selection: to match counter.
- D. Interlock device: Provide interlock device to prevent both doors being opened simultaneously.
- E. Closer: Provide closer at threat-side door.
- F. Knobs: Provide chrome door pull at each door.
- G. Hinge: Provide continuous hinge at each door.
- H. Magnetic Latch: Provide magnetic cabinet latch at each door.

2.04 FABRICATION

- A. General: Fabricate bullet-resistant transparent package passer to comply with indicated standards.
 - 1. Provide fully assembled unit.
- B. Box: Construct tops and sides from 1¼" clear acrylic, cut to size.
 - 1. All edges to be polished smooth.
 - 2. Attach top to sides with machine screws, countersunk, to form butt joint.
- C. Base: Install [plastic laminate] [Corian®] base inside box.
 - 1. Attach box to base with machine screws, countersunk.

- D. Doors: Make from 1¼" clear acrylic, cut to size.
 - 1. Attach to each face of box with continuous hinge and machine screws.
 - 2. Both doors hinge on same side of box.
 - 3. Install chrome knob at strike side of door, centered on height of door.
 - E. Interlock device: Install interlock device to top of box with countersunk bolts at hinge-side.
 - 1. Attach to both doors.
 - F. Closer: Install closer at threat-side door and hinge-side of box with countersunk bolts.
 - G. Install TPP in window as indicated on window shop drawings.
 - 1. Attach base of TPP to window counter with machine screws.
- 2.05 LABELING
- A. Bullet-resistant glazing frames shall be plainly and permanently labeled. The label shall be compatible with finishes. The label shall be visible only on the secure side, after installation, and shall include:
 - 1. Manufacturer's name or identifying symbol
 - 2. Model Number
 - 3. Date of manufacture by month and year. This may be done through use of lot number or other traceable code.
 - 4. Correct mounting position including threat side and secure side (by removable label on glazing material).
 - 5. Code indicating bullet-resistant rating and test standard used (by removable label on glazing material).

PART 3 - EXECUTION

3.01 INSPECTION

- A. Upon delivery, the contractor shall open the crate and inspect the contents for freight damage. If damaged, notify the freight company of the claim. Check the packing list to make sure all items are present. If any items are missing, notify North American Bullet Proof.
- B. Prior to commencing installation, the contractor shall examine all areas to receive the bullet-resistant items to ensure that they are ready for installation. Components shall be checked and corrected for racking, twisting, and other malformation prior to installation. All surfaces and connections shall be examined for damage prior to installation.
- C. The contractor shall verify that the glazing frames comply with indicated requirements for type, size, and location.
- D. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.02 CLEAN

- A. After installation, clean surfaces and touch up any damaged areas..

END OF SECTION