

Section 13070 & 08211

Bullet Resistant Full Lite Aluminum

Door & Frame Assembly

PART 1 GENERAL

1.1 REFERENCE

The publications listed below form a part of this specification.

NATIONAL INSTITUTE OF JUSTICE STANDARD 0108.01-STANDARD FOR BALLISTIC RESISTANT PROTECTIVE MATERIALS (September, 1985).
UNDERWRITERS LABORATORY UL 752 9th edition, Standard for Bullet Resisting Equipment (January, 1995).

1.2 SUBMITTALS

The following shall be submitted in accordance with Sections 01340 and the SPECIAL CONTRACT REQUIREMENTS: Submit for approval prior to fabrication samples, brochures, specifications, **UL LISTING** and **UL 752 Current Test Results** as provided by Underwriters Laboratory, and printed data in sufficient detail to indicate compliance with the contract documents. Manufacturer's instructions for installation of Bullet Resistant Door and Frame Assembly.

1.3 DESIGN

Through design, manufacturing technique and material application, door and frame shall be rated by manufacturer to be bullet resistant UL-752 ___(Specify Level) The door and frame must be manufactured by the same firm. Door and frame shall be prepped for hardware by the manufacturer in accordance with the approved hardware schedule.

1.4 WARRANTY

All materials and workmanship shall be warranted against defects for a period of two (2) years from date of receipt at job site.

PART 2 PRODUCTS

2.1 MANUFACTURER

The door and frame to be manufactured as indicated on the approved drawings by Protective Structures, Ltd., 7565 Industrial Court, Alpharetta, GA 30004. (phone) 770.521.8666, (fax) 770.521.2299, email: info@protectivestructures.com, Website: www.protectivestructures.com.

2.2 DOOR

Bullet resistant full lite door shall be made of aluminum 6063 Alloy with a minimum of .125" thick. The door shall be welded together at all corners. Clipped or fastened together in lieu of welding is not acceptable. Door unit shall be supplied pre-hung with a Roton Continuous Gear Hinge and may be hung in a steel or aluminum ballistic capture frame system. If bullet resistant transparent armor is required for door vision panels, they shall be standard products furnished by the door manufacturer and must be a UL Listed material of specified level. Doors to be pre-glazed at the manufacturer's facility. No glazing can take place at the job site.

2.3 FRAME

Frame shall be packed with UL-752 bullet resistant fiberglass and be a protection level equal to the door. Frame shall be a "non-ricochet type" design made of aluminum or steel as specified in the approved plans. Frame shall have a powder coat finish for durability. Standard manufacturing tolerances of +/- 1/16" apply.

PART 3 INSTALLATION

3.1 INSTALLATION

In accordance with manufacturer's instructions.

3.2 PROTECTION

It shall be the responsibility of the contractor to see that any scratches or damage caused in shipping or handling of the products are properly cleaned and touched up. Store the products in a dry, heated location, covered and ventilated to protect them from damage. Repair damaged units prior to completion and acceptance of the project or replace with new, as directed.

3.3 CLEANING

Upon completion, clean units thoroughly. Clean glazing products in accordance with the manufacturer's instructions.