

## **SECTION 08582**

### **BULLET RESISTANT STEEL DOOR & FRAME ASSEMBLY**

#### **PART 1**

##### **1.1 REFERENCE**

The publications listed below form a part of this specification.

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

##### **1.2 SUBMITTALS**

The following shall be submitted in accordance with Sections 08582 and the SPECIAL CONTRACT REQUIREMENTS: Submit for approval prior to fabrication samples, brochures, specifications 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 "non-ricochet type" that captures the projectile within the bullet resistant product, thus preventing injury to persons on both the threat side of product and the protected sides. The ballistic material capturing the projectile shall be "Protective Structures SecureAll Bullet Resistant Fiberglass" with a protection level of \_\_\_ (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 one (1) years from date of receipt at job site.

#### **PART 2**

##### **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](mailto:info@protectivestructures.com), Website: [www.protectivestructures.com](http://www.protectivestructures.com).

##### **2.2 DOOR**

Bullet resistant hollow metal door shall be of the "non-ricochet type" 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 also "non -ricochet type."

##### **2.3 FRAME**

Frame shall be a protection level equal to the door. Frame shall be a steel telescoping frame system to fit various widths of walls. Frame shall be made of 10 gauge steel and shall be welded together in the corners. The frame shall have a stationary "non removable" stop system. Frame shall have a prime finish. Standard manufacturing tolerances of +/- 1/16" apply.

## **PART 3**

### **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.