

## **Section 13070 & 08211**

### **Bullet Resistant Wood 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 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 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 "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, Ltd. SecureAll™ Panels" 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 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](mailto:info@protectivestructures.com), Website: [www.protectivestructures.com](http://www.protectivestructures.com).

## 2.2 DOOR

Bullet resistant solid core wood door shall be of the “non-ricochet type” complete with wood veneer or plastic laminate finish. All wood veneer and/or plastic laminates shall have a phenolic backer. 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 “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.