

**SECTION 11 17 36**  
**PACKAGE TRANSFER UNITS**

**PART 1 - GENERAL**

**1.1 DESCRIPTION**

This section specifies package transfer units.

**1.2 RELATED WORK**

- A. Section 08 56 53, SECURITY WINDOWS
- B. Section 08 80 00, GLAZING.
- C. Section 08 56 59, SERVICE AND TELLER WINDOW UNITS.

**1.3 SUBMITTAL**

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA AND SAMPLES.
- B. Shop Drawings: Show material and finish, size of members, and details of construction, installation and anchorage:  
Package transfer box
- C. Manufacturer's Literature and Data:  
Package transfer box
- D. Certificates: Letter from manufacturer indicating the products have been certified to meet the specified ratings.

**1.4 DELIVERY**

Deliver products to site in sealed packages of containers; labeled for identification with manufacturer's name, brand, and contents.

**1.5 STORAGE**

- A. Store products in weathertight and dry storage facility.
- B. Protect from damage from handling, weather and construction operations before, during and after installation in accordance with manufacturer's instructions.

**1.6 PERFORMANCE REQUIREMENTS**

Fabricate and install Forced Entry Ballistic Resistant (FE/BR) assemblies to achieve indicated levels of resistance. Extend resistance to include anchorages, interfaces with adjoining substrates, and hardware. Security attacks shall be unable to penetrate through closed assemblies in manner described; it is recognized that such attacks may damage units beyond repair and reuse, requiring replacement of work by Government.

## 1.7 APPLICABLE PUBLICATIONS

- A. Publications listed below form a part of this specification to extent referenced. Publications are referenced in text by basic designation only.
- B. American Society for Testing and Materials (ASTM):
  - A167-99(R2009).....Stainless and Heat-Resisting Chromium-Nickel  
Steel Plate, Sheet, and Strip
  - A1008-10.....Steel, Sheet, Cold-Rolled, Carbon, Structural  
High Strength Low Alloy
  - B26/B26M-09.....Aluminum Alloy Sand Castings
  - B221-08.....Aluminum and Aluminum-Alloy Extruded Bars,  
Rods, Wire, Shapes, and Tubes
- C. American Society of Mechanical Engineers (ASME):
  - B18.6.4-98(R2005).....Thread Forming and Thread Cutting Tapping  
Screws
- D. American Welding Society (AWS):
  - D9.1-06.....Sheet Metal Welding Code
- E. National Association of Architectural Metal Manufacturers (NAAMM)
  - AMP 500-06.....Metal Finishes Manual
- F. Federal Specifications (Fed. Spec):
  - A-A-1922A.....Shield, Expansion
- G. Underwriters Laboratories, Inc. (UL):
  - 752-11.....Bullet-Resisting Equipment.

## PART 2 - PRODUCTS

### 2.1 MATERIALS

- A. Stainless Steel: ASTM A167, Type 302B.
- B. Steel Sheet: ASTM A1008.
- C. Fasteners:
  - 1. Concealed Fasteners: Steel, hot-dip galvanized.
  - 2. Screws: ASME B18.6.4.
  - 3. Expansion Shields: A-A-1922A as recommended by manufacturer for component and substrate for use in solid masonry or concrete.

### 2.2 PRODUCT REQUIREMENTS

Products meet protection level 3, as a minimum and be a standard commercial product of a manufacturer regularly and presently manufacturing products specified.

### 2.3 PACKAGE TRANSFER BOX

- A. Security prefabricated type, of size and design shown complete with doors, body and flanges.
- B. Doors: Stainless steel with Stainless steel piano hinges.
  - 1. Mechanical interlocking type that prevents both doors from being opened at same time.
  - 2. Pull handles on Secure side. Bright chromium plated finish on handles.
- C. Body of transfer box: Use 5 mm (3/16-inch) thick welded sheet steel with 3 mm (1/8-inch) thick steel fixed outer flanges and adjustable inner flanges.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install product by experienced mechanics capable of installing item in accordance with drawings, specifications, and shop drawings.
- B. Set work accurately, in alignment and where shown. Install plumb, level, free of rack and twist, and set parallel or perpendicular to required line and plane of surface.
- C. Provide anchoring devices and fasteners necessary for securing each item to building construction.
  - 1. Do not use power actuated drive pins.
  - 2. Do not anchor to wood ground strips.
- D. Touch up abraded and damaged areas of finish as recommended by the manufacturer.
- E. Fit flanges of package transfer box tight against walls. Use shims where required for leveling.

### 3.2 CLEANING AND ADJUSTING

- A. After installation, clean items as recommended by the manufacturer and protect from damage until completion of the project.
- B. Adjust movable parts including hardware to operate as designed, without binding or deformation of the members, centered in the opening or frame, and where applicable, with contact surfaces fit tight and even, without forcing or warping the components.

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