

## SECTION 08 31 00

### ACCESS DOORS AND PANELS

#### PART 1 - GENERAL

##### 1.1 DESCRIPTION

- A. Scope:
1. CONTRACTOR shall provide all labor, materials, equipment, and incidentals as shown, specified and required to furnish and install all access doors and panels Work.
  2. Extent of access doors and panels is shown.
  3. Types of products required include the following:
    - a. Fire-rated wall access doors.
    - b. Gypsum wallboard ceiling access doors.
    - c. Miscellaneous hardware, accessories and fasteners.
- B. Coordination:
1. Review installation procedures under this and other Sections and coordinate the installation of items that must be installed with, or before the access doors and panels Work.
  2. Notify other contractors in advance of the installation of the access doors and panels to provide them with sufficient time for the installation of items included in their contracts that must be installed with, or before, the access doors and panels Work.
- C. Related Sections
1. Section 04 05 05, Unit Masonry Construction.
  2. Section 09 21 16, Gypsum Board Assemblies.

##### 1.2 SUBMITTALS

- A. Action Submittals: Submit the following:
1. Shop Drawings:
    - a. Copies of manufacturer's technical data and installation instructions for each type of access door and panel assembly. Transmit copy of the instructions for each type to the installer. Provide setting drawings, templates, instructions and directions for installation of anchorage devices.

#### PART 2 - PRODUCTS

##### 2.1 DETAILS OF CONSTRUCTION

- A. Description:
  - 1. Provide access door and panel assemblies manufactured as integral units and complete with all components and accessories ready for installation.
  
- B. Fire-Rated Wall Access Doors: Provide the following for masonry and wallboard:
  - 1. Sandwich-Type Flush Door Panels: 20-gauge stainless steel with No. 4 finish with 2-inches of mineral wool insulation within welded pan-type construction.
  - 2. Frames: 16-gauge stainless steel with No. 4 finish with 1-inch wide flange continuously welded and ground smooth at corners.
  - 3. Finish Hardware:
    - a. Hinge: Continuous stainless steel piano hinge.
    - b. Closer: Automatic, self-latching with interior latch release.
    - c. Lock: Prepare access door for mortise locks and coordinate dead bolt and cylinder requirements with Section 08 71 00, Door Hardware.
  - 4. Provide fire-rated wall access doors tested and approved by Underwriters' Laboratories, Inc., for 60-minute fire-resistance.
  - 5. Size: 16-inches by 16-inches.
  
- C. Wallboard Ceiling Access Doors: Provide the following recessed for drywall:
  - 1. Recessed Door Panels: 16-gauge galvanized steel door recessed 1-inch for wallboard.
  - 2. Frames: 16-gauge galvanized steel with continuous wallboard bead with concealed flanged.
  - 3. Finish Hardware:
    - a. Hinge: Concealed pivoting rod-type.
    - b. Lock: Key operated cylinder lock with automatic dust shutter, stainless steel cam.
  - 4. Finish: Prime coat of rust inhibitive electrostatic powder, baked gray enamel.
  - 5. Size: 24-inches by 24-inches.

## 2.2 MANUFACTURERS

- A. Manufacturers: Provide products of one of the following:
  - 1. Karp Associates, Inc.
  - 2. Or equal.

## PART 3 - EXECUTION

### 3.1 INSPECTION

- A. CONTRACTOR must examine the areas and conditions under which access doors are to be installed and notify ENGINEER, in writing, of conditions detrimental to the proper and timely completion of the Work. Do not proceed with the Work

until unsatisfactory conditions have been corrected in a manner acceptable to ENGINEER.

### 3.2 INSTALLATION

- A. Comply with manufacturer's instructions for installation of access doors and panels.
- B. Coordinate installation with work of other trades.
- C. Set frames accurately in position and securely attach to support with face panels plumb or level in relation to adjacent finish surfaces.

### 3.3 ADJUSTMENT AND CLEANING

- A. Adjust hardware and panels after installation for proper operation.
- B. Remove and replace panels or frames, which are warped, bowed or otherwise damaged.

++ END OF SECTION ++