

SECTION 08 31 00

ACCESS DOORS AND PANELS

PART 1 – GENERAL

1.1 PURPOSE

- A. This guideline is intended to provide useful information to the Professional Service Provider (PSP) to establish a basis of design. PSP is to apply the principles of this section such that the University of Texas at Arlington (UTA) may achieve a level of quality and consistency in the design and construction of their facilities. Deviations from these guidelines must be approved by UTA and may require justification through Life Cycle Cost (LCC) analysis and submitted to UTA for approval.

1.2 LESSONS LEARNED AND DESIGN CONSIDERATIONS

- A. **Panels shall be sized appropriately for access dependent on equipment.**
- B. **Panels shall be painted to match wall if not located in restrooms.**

1.3 SECTION INCLUDES

- A. Access door and frame units, fire-rated and non-fire-rated, in wall locations.

1.4 REFERENCE STANDARDS

- A. ITS (DIR) – Directory of Listed Products; current edition.
- B. UL (FRD) – Fire Resistance Directory; current edition.

1.5 SUBMITTALS

- A. See Division 01 for submittal procedures.
- B. Product Data: Provide sizes, types, finishes, hardware, scheduled locations, and details of adjoining work.
- C. Shop Drawings: Indicate exact position of all access door units.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

- A. Access Doors:
 - 1. Acudor Products, Inc.
 - 2. Karp Associates, Inc.
 - 3. Milcor by Commercial Products Group of Hart & Cooley, Inc.
 - 4. Substitutions: See Division 01.

2.2 ACCESS DOORS AND PANELS

- A. Non-All Units: Factory fabricated, fully assembled units with corner joints welded, filled, and ground flush; square and without rack or warp; coordinate requirements with assemblies units are to be installed in.
- B. Units in Fire Rated Assemblies: Fire rating equivalent to the fire rated assembly in which they are to be installed.
 - 1. Provide products listed and labeled by UL or ITS (Warnock Hersey) as suitable for the purpose specified and indicated.
 - 2. Provide certificate of compliance from authority having jurisdiction indicating approval of fire rated doors.

2.3 WALL / CEILING UNITS

- A. Door and Frame Units:
 - 1. Material:
 - a. Formed stainless steel.
 - b. Galvanized steel.
 - 2. Vertical Frames and flanges: 0.058 inch steel.
 - 3. Door panels: 0.070 inch single thickness sheet steel.
 - 4. Units in Fire Rated Assemblies: Fire rating as required by applicable code for the fire rated assembly that access doors are being installed.

GUIDE SPECIFICATIONS FOR DESIGN AND CONSTRUCTION DOCUMENTS

- a. Provide products listed by ITS (DIR) or UL (FRD) as suitable for the purpose indicated.
5. Finish:
 - a. No. 4 brushed finish.
 - b. White baked on polyester powder coat.
6. Sizes:
 - a. Walls: 12x12 inches.
 - b. Ceilings: As selected by Architect.
7. Hardware:
 - a. Hardware for Fire Rated Units: As required for listing.
 - b. Hinges for Non-Fire-Rated Units: Concealed, constant force closure spring type.
 - c. Hinge: Concealed, constant force closure spring type.
 - d. Latch/Lock: Cylinder lock operated cam latch, two keys for each unit.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Install units in accordance with manufacturer's instructions.
- B. Install frames plumb and level in openings. Secure rigidly in place.
- C. Position units to provide convenient access to the concealed work requiring access.

END OF SECTION