

ARCHITECTURE

SECTION 08310

ACCESS DOORS

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Wall Access Doors
- B. Moisture Resistant Access Doors
- C. Ceiling Access Doors
- D. Floor Access Doors
- E. Sprinkler System Access Doors

1.2 Quality Assurance

- A. Access panels are to be fire rated/clearly labeled where located in fire rated assemblies
- B. Provide UL Label on each fire rated access door.
- C. Access panels shall be flush with finished wall or ceilings, except where panels are located in acoustic tile or paneling, the door shall be recessed to receive adjacent finish material.
- D. Access panel finishes shall be coordinated with the finish treatment of the area.

1.3. Access panels are furnished and installed by each sub where required for their work.

PART 2 - PRODUCTS

2.1. Access Doors (non-rated):

- A. Manufacturers include the following:
 - 1. "Style SR-III" - Cesco Products, Minneapolis, MN (612-424-4919).
 - 2. "Model WB" - J. L. Industries, Bloomington, MN (612-835-6850).
 - 3. "Type KDW" - Karp Associates, Inc., Maspeth, NY (&18-784-2105).
 - 4. "Model APWB" - Nystrom, Inc., Minneapolis, MN (800-447-2635).
- B. Designed for flush installation in wall construction. Constructed of metal with concealed continuous hinge, having recessed screwdriver latch; size as indicated.

2.2. Wall Access Doors (Rated):

- A. Manufacturers include the following:
 - 1. "Fire Rated Style FB" - Cesco Products, Minneapolis, MN (612-424-4919)
 - 2. "Model FD" - J. L. Industries, Bloomington, MN (612-835-6850).
 - 3. "Type KRP-15- FR" -Karp Associates, Inc., Maspeth, NY (718-784-2105)
 - 4. "Model APFR-WP" - Nystrom, Inc., Minneapolis, MN (800-447-2635)
- B. Door Size: Select from manufacturer's standard sizes to suit required opening. Provide with recessed screwdriver latch.
- C. Provide C label 1 hour access door in 1 hour rated construction.
Provide B label 1-1/2 hour access door in 2 hour rated construction with recessed screwdriver latch.

2.3. Moisture Resistant Access Doors (non-rated)

- A. Stainless steel, multi-purpose access doors:
 - 1. Larsen "L-MPSS" stainless steel frame and "L-MPSS" stainless steel door, by Larsen, with continuous, offset and concealed hinge; security fastener. (800-LARSENS, Minneapolis, MN).

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2.4. Ceiling Access Doors, (non-rated)

- A. Manufacturers include the following:
 - 1. "Model 3204, Style ATR by Milcor (800-441-6899 Lima, OH).
 - 2. Comparable by Williams Brothers Corp., (540-636-4444, Front Royal, VA).
 - 3. Comparable by JL Industries, see above.
 - 4. Comparable by Nystrom, Inc., see above.
- B. Sheet metal construction with concealed continuous hinge, flush design. Provide each door with self-closing mechanism and standard flush design "self-latching" latch.

2.5. Ceiling Access Doors (rated):

- A. Manufacturers include the following:
 - 1. "Model 3210" by Milcor, see above.
 - 2. Model "No. WB-FRC: by Williams Brothers, see above.
 - 3. Model "CFD", JL Industries, see above.
 - 4. Model "APFR-WP", Nystrom, see above.
- B. Provide 1-hour UL or Warnock Hersey rated door, designed for flush installation in ceiling construction. Sheet metal construction with concealed continuous hinge, flush design. Provide each door with self-closing mechanism and standard flush design "self-latching" latch.

2.6. Floor Access Doors (Fire Rated)

- A. Manufacturers include the following:
"Model 3210"; Milcor LP (419-861-6452)
Approved substitution by The Williams Brothers Corporation
Approved substitution by JL Industries (800-554-6077)
Approved substitution by Nystrom, Inc. (800-447-2635)
- B. Provide 1-hour UL or Warnock Hersey rated door, designed for flush installation in floor construction.
- C. Sheet metal construction with concealed continuous hinge, flush design. Provide each door with self-closing mechanism and standard flush design "self-latching" latch.
- D. Finish: Bonderized galvanized steel.

2.7. SPRINKLER SYSTEM ACCESS DOOR (FIRE RATED)

- A. Label UL C (1hour) or UL B (1-1/2 hr.) rated with automatic closer, UL rated anchors for construction in which door will be installed, and lockset with knob released keyed as directed by Owner's Representative.
- B. Factory prime coat units with electrostatic baked on electrostatic powder. Prime exposed edges with coat of white rust-inhibitive paint.
- C. For fire-rated access doors, furnish units with ceramic fiberboard panel insert, attach to outside face of door, ready for field painting.

PART 3 - EXECUTION

3.1 Installation:

- A. Coordinate access door locations and installations with mechanical, plumbing and electrical trades. Provide access doors for all components of the building which requires periodic maintenance and adjustment.
- B. Doors to be factory primed with electrostatic baked on electrostatic powder and field painted to match color of adjacent surface.

END OF SECTION