

SECTION 08 31 13 - ACCESS DOORS AND FRAMES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. Access doors and frames for walls and ceilings as indicated on the Drawings or as needed for mechanical access. Size as needed for specific application.

1.2 SUBMITTALS

A. Product Data: For each type of access door and frame indicated.

PART 2 - PRODUCTS

2.1 STEEL MATERIALS

- A. Steel Sheet: Uncoated cold-rolled steel sheet substrate complying with ASTM A 1008/A 1008M, Commercial Steel (CS), exposed.
- B. Metallic-Coated Steel Sheet for Exterior Access Doors and Frames (as required): ASTM A 653/A 653M, Commercial Steel (CS) with **A60 (ZF180)** zinc-iron-alloy (galvannealed) coating or **G60 (Z180)** mill-phosphatized zinc coating.

2.2 ACCESS DOORS AND FRAMES FOR WALLS AND CEILINGS

A. Products:

1. Acudor Products, Inc.; UF-5000; 800-722-0501
2. Karp Associates, Inc.; DSC 214M; 800-888-4212
3. Nystrom, Inc.; NT Series; 800-547-2635

B. Flush access doors and frames with exposed trim fabricated from steel sheet.

1. Size: As indicated or as required to access equipment.
2. Door: Minimum 14 gage, **0.075-inch (1.9-mm)** uncoated steel thickness.
3. Frame: Minimum 16 gage, **0.060-inch (1.5-mm)** uncoated steel thickness.
4. Frame Width: Maximum **1-inch- (25.4-mm-)** wide, surface-mounted trim.
5. Hinge: Spring-loaded, concealed-pin type, opens to 175 degrees.
6. Lock: Cylinder.
7. Factory-Primed Finish: Manufacturer's standard shop primer.

2.3 FABRICATION

- A. General: Provide access door and frame assemblies manufactured as integral units ready for installation.
- B. Metal Surfaces: For metal surfaces exposed to view, provide materials with smooth, flat surfaces without blemishes.
- C. Doors and Frames: Grind exposed welds smooth and flush with adjacent surfaces. Furnish attachment devices and fasteners of type required to secure access panels to types of supports indicated.
- D. Latching Mechanisms: Furnish number required to hold doors in flush, smooth plane when closed.
 - 1. For cylinder lock, furnish two keys per lock and key all locks alike.
 - 2. Furnish Owner with all keys upon turnover of building.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Comply with manufacturer's written instructions for installing access doors and frames.
- B. Set frames accurately in position and attach securely to supports with plane of face panels aligned with adjacent finish surfaces.
- C. Install doors flush with adjacent finish surfaces or recessed to receive finish material.

3.2 ADJUSTING AND CLEANING

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

END OF SECTION 08 31 13