

SECTION 08 31 13 {08310}

ACCESS DOORS AND FRAMES

{ACCESS DOORS AND PANELS}

This section includes metal access doors and panels, with frames for walls, ceilings and floors, single thickness or double thickness insulated; with and without fire resistance ratings; for accessing mechanical, electrical and other concealed items requiring maintenance admission. Access doors and panels for ducts are described in SPECTEXT Section 23 09 23 {15910}. Exterior sidewalk hatches are not included in this section but can be edited in when required.

This section should be referenced from mechanical, electrical and other sections requiring access doors and panels.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcat.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes [fire resistive rated] [and] [non-rated] access doors and panels with frames.
 - 1. Provide for access to controls, valves, traps, dampers, cleanouts, and similar items requiring operation behind inaccessible finished surfaces.
 - 2. Coordinate exact locations with various trades to assure proper placement of access doors and panels.

B. Related Sections:

List sections, such as following concrete section, specifying installation of products specified in this section where applicable; indicate specific items.

- 1. Section 03 10 00 - Concrete Forming and Accessories: Placement of access frame unit anchors in concrete.
- 2. Section 09 90 00 - Painting and Coating: Field paint finish.

3. Section 23 33 00 - Air Duct Accessories: Access doors in ductwork.

C. Related Sections:

1. Section 09900 - Paints and Coatings: Field paint finish.
2. Section 15820 - Duct Accessories: Access doors in ductwork.

List sections, such as following concrete section, specifying installation of products specified in this section where applicable; indicate specific items.

3. Section 03100 - Concrete Forms and Accessories: Placement of access frame unit anchors in concrete.

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

- A. ASTM International:
 1. ASTM E119 - Standard Test Methods for Fire Tests of Building Construction and Materials.
- B. Intertek Testing Services (Warnock Hersey Listed):
 1. WH - Certification Listings.
- C. National Fire Protection Association:
 1. NFPA 80 - Standard for Fire Doors, Fire Windows.
 2. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies.
 3. NFPA 288 - NFPA 288: Standard Method of Fire Tests of Floor Fire Door Assemblies Installed Horizontally in Fire Resistance-Rated Floor Systems.
- D. Underwriters Laboratories Inc.:
 1. UL 10B - Fire Tests of Door Assemblies.
 2. UL 263 - Standard for Safety for Fire Tests of Building Construction and Materials.

1.3 DESIGN REQUIREMENTS

Use this article carefully; restrict statements to identify system design requirements only. Modify live loads where Project requires, 100 psf is typical. Use 1/180 typical, change to 1/240 where traffic other than building maintenance might be anticipated.

- A. Fabricate floor access assemblies to support live load of 100 lb/sq ft (4.7 kPa) with deflection not to exceed 1/180 of span.