

PART I – GENERAL

WORK SPECIFIED HEREIN

All labor, materials, equipment and services necessary to furnish and install access doors and related items as indicated or specified.

SUBSTITUTIONS

In accordance with Section 01600.

SUBMITTALS

- Unless otherwise noted, the contractor shall prepare all shop drawings, product literature, etc. only as required to properly coordinate and construct the project.
- Review of submittals by the Professional of Record is limited to specific shop drawings as called for in the Project Manual.
- Shop drawings for review by the Professional of Record are not required for this section.

QUALITY ASSURANCE

Specification is based on access doors as manufactured by those listed within the Material and Product List shown on the drawings.

PART II – PRODUCTS

METAL ACCESS DOORS

Refer to drawings and mechanical/electrical sections of the specifications for locations and sizes.

- Access doors in plaster or E.I.F.S. surfaces shall be (30" x 20" Model DSC-214 PL) or sized as per plan.
- Access doors in masonry or tile surfaces shall be recessed KRVB.
- Access doors in wallboard surfaces shall be (14" x 14" Model KDW) unless noted otherwise.
- Access doors in masonry exterior walls shall be Type DSC-214 M.
- Access doors in suspended fire-rated wallboard surfaces shall be Type KRP-150FR.
- Fire rated access doors shall be Karp fire rated access doors. Frame and panel assembly shall be manufactured under factory inspection service of UL and shall bear a label reading "Frame and Fire Door Assembly, Rating 1-1/2 hours (B), temperature rise 30 minutes, 250 degrees F. maximum."

DESIGN

Fire Rated Access Doors:

- Frames shall be 16 gauge steel; panels shall be 20 gauge steel, sandwich type.

- Panel shall be equipped with an automatic closing mechanism on doors over 144 square inches in size.
- Lock assembly shall be cylinder type, self-latching with key operated cylinder lock and shall have a mechanism to release the latch bolt from the inside.
- Hinges shall be continuous, steel with stainless steel pin.
- Prime coat shall be factory-applied baked enamel over a protective phosphate coating on the steel.
- Where designated in masonry walls, attach masonry anchors to frame assemblies in the factory.
- Styles KRVB, KDW, DSC-214PL and DSC-214M.
- Frame shall be 16 gauge; panel 14 gauge steel.
- At Style KDW galvanized steel wallboard bead shall surround frame.
- At Style DSC-214PL casing bead of 22 gauge steel shall surround the frame.
- At Style KRVB flange shall be 16 gauge steel, 1" wide.
- Prime coat shall be factory applied, baked-on enamel, chemically bonded to the steel.
- Hinges shall be concealed, spring type, opening to 175°.
- Locks shall be flush, key operated cylinder locks.
- Style KRP-150FR.
- Frames shall be 16 gauge steel; panel 18 gauge.
- Prime coat shall be factory applied rust-inhibitive white paint.
- Hinge shall be continuous; steel with stainless steel pin.
- Locks shall be flush, key operated cylinder lock. Provide grommet for access to cam lock control.
- Panel shall be equipped with an automatic closing mechanism on doors over 144 square inches in size.

END OF SECTION

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