

**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.

**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 762 mm x 51 mm (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 356 mm x 356 mm (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, 121°C maximum."

**DESIGN****Fire Rated Access Doors:**

- Frames shall be 1.5 mm (16 gauge) steel; panels shall be 0.84 mm (20 gauge) steel, sandwich type.

- Panel shall be equipped with an automatic closing mechanism on doors over 929 sq. cm. (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 1.5 mm (16 gauge); panel 1.9 mm (14 gauge) steel.
- At Style KDW galvanized steel wallboard bead shall surround frame.
- At Style DSC-214PL casing bead of 0.22 mm (22 gauge) steel shall surround the frame.
- At Style KRVB flange shall be 1.5 mm (16 gauge) steel, 25 mm (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 1.5 mm (16 gauge) steel; panel 1.2 mm (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 929 sq. cm. (144 square inches) in size.

**END OF SECTION**

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