

ITEM 04615.30 M - STEEL ACCESS DOORS

DESCRIPTION

The work shall consist of furnishing and installing new steel access doors.

MATERIALS

Door leafs shall be 6.35 mm thick steel diamond pattern plate reinforced as necessary to carry a live load of 14,400 kPa. Channel frame shall be 6.35 mm steel with support details as shown on the plans. Doors shall be equipped with heavy forged brass hinges, ASTM A-316 stainless steel pins, compression spring operators, automatic hold open arm with release handle, and snap lock with removable handle. Pedestrian safety chains shall be provided. A removable key wrench and removable plug shall be provided and delivered to the building owner at the completion of work.

The door leaves and frame shall be galvanized in accordance with Section 719-01 of the NYSDOT Standard Specifications.

Acceptable door manufacturers are the following or an approved equal:

1. Bilco Company (Type "J" & "JD")
New Haven, CT
2. Dur-Red Products (Type "SLG" & "DLG")
Cudahy, CA
3. Babcock-Davis Hatchways, Inc. (Type "AMC" & "GT"), Arlington, MA

CONSTRUCTION DETAILS

Shop drawings or catalog cuts, as required by the Engineer, shall be submitted to the Regional Director for review and approval.

The steel door and frame shall be located where shown on the plans. The doors shall be held firmly in place while the concrete placement is performed.

CONSTRUCTION DETAILS

Contractor shall ensure that doors and all associated hardware provide the clearances necessary for the proper installation, functioning, and maintenance of all mechanical components and systems.

METHOD OF MEASUREMENT

The work of this item will be measured as each door installed as required, regardless of the number

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of leaves per door.

BASIS OF PAYMENT

The unit price bid for this item shall include the cost of all labor, equipment, and materials required to complete the work.

The cost for concrete placement surrounding the steel door frame will be paid for under its appropriate item.

DISAPPROVED
BY EI 12-001