

ITEM 10615.0510 M - CONCRETE LITTER CONTAINER WITH DOUBLE HINGED LID

DESCRIPTION

This work shall consist of furnishing and installing concrete litter container with a double hinged lid, at the locations listed in the proposal, or where ordered by the Engineer.

MATERIALS

The concrete litter container shall be high quality, standard manufactured units that are durable, attractive, structurally sound and vandal resistant. The 190 liters (minimum) container shall be constructed as follows:

- DISAPPROVED
BY EI 12-001
- A. Cement
 - 1. Very light gray color.
 - 2. Water reducers used to increase strength and durability.
 - 3. Chemically entrained air 6 - 8%.
 - 4. Minimum strength 34.5 MPa (Mega Pascals)
 - B. Reinforcing
 - 1. Wire mesh shall be included in sides and bottom at least 25 mm away from outside surfaces.
 - C. Sand - Washed Torpedo sand.
 - D. Stone - 9.5mm size washed pea gravel (light brown).
 - E. Weight - 220 kg minimum to 260 kg max.

Lid Specifications

- 1. Heavy Duty 12 gauge steel, with all edges deburred and sanded smooth, free of sharp edges.
- 2. Hinges: Ten gauge 150 mm heavy duty, securely welded to the lid.
The hinge shall be secured to the concrete by using suitable stainless steel fasteners.

Painting

Entire lid and hinge shall be cleaned, then primed with a high quality primer, top coated: chestnut brown enamel paint.

Cable Assembly

28 mm- 8900 N (Newtons) aircraft cable secured to the lid and to the concrete to limit degree of lid opening.

Litter Container Liner

117 liters to 132 liters hard plastic liner with handles.

Lid Lock

Allen key lid latch-one supplied with each container.

Acrylic Clear Coating

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As necessary to resist salt, chloride and graffiti.

CONSTRUCTION DETAILS

The Contractor shall install the Litter Containers in accordance to manufacturers specifications, or as ordered by the Engineer. Litter containers that are received chipped, scratched, bent, dented or damaged in any way will not be acceptable and shall be removed from the site and replaced with new containers or parts which are free from all defects.

METHOD OF MEASUREMENT

This work will be measured by the number of litter containers, installed.

BASIS OF PAYMENT

The unit bid price for each litter container shall include the cost of all labor, materials and equipment necessary to complete this work.