

**DIVISION 12 00 00**  
SECTION 12 93 00  
SECTION 12 93 23

**FURNISHINGS**  
SITE FURNISHINGS  
TRASH AND LITTER RECEPTORS  
**APEX RECEPTACLE**

**Part 1 General**

01. Summary

A. Section Includes:

1. Litter and Recycling Receptacle, 24- and 36-gallons.

02. Submittals

A. Provide submittals in accordance with Section 01 33 00 – Submittal Procedures.

B. Product data:

1. Manufacturer's standard product literature.
2. Shop drawings.
3. Installation instructions.
4. Maintenance instructions.

C. Submit powdercoat finish samples for approval.

03. Quality Assurance

A. Manufacturer Qualifications:

1. Minimum 15 years experience in the manufacture of litter and recycling receptacles.
2. Provide reference list of at least ten major transportation authorities, municipalities, universities, or other high-use public environments currently using litter and recycling receptacles fabricated by the manufacturer.

04. Delivery, Storage and Handling

- A. Handle products in accordance with manufacturer's instructions.
- B. Store products in manufacturer's original packaging until ready for installation.
- C. Protect products from impacts and abrasion during storage.

05. Warranty

A. Provide manufacturer's standard warranty.

1. Warranty terms: one year from date of invoice against defects in materials and workmanship.

**Part 2 Products**

01. Manufacturer

A. Basis-of-design product: provide receptacle based on the product named:

1. Apex Receptacle by Forms+Surfaces.

2. Manufacturer Contact:

Forms+Surfaces  
30 Pine Street  
Pittsburgh, PA 15223  
phone: 800-451-0410  
fax: 412-781-7840  
email: sales@forms-surfaces.com

website: [www.forms-surfaces.com](http://www.forms-surfaces.com)

## B. Receptacles

### 1. Materials:

- a. Body frame and lid: solid corrosion-resistant aluminum.
- b. Container walls: heavy corrosion-resistant aluminum.
- c. Container wall inset material: **(Choose one below):**
  - 1) FSC® 100% Cumaru hardwood slats. (FSC License Code: FSC-C004453).
  - 2) Stainless Steel.
- d. Internal liner: black low-density polyethylene (LLDPE) with UL94HB fire rating.
- e. Latch: stainless steel.
- f. Hardware: stainless steel.
- g. Rain cover (optional): heavy corrosion-resistant aluminum.

### 2. Finishes:

- a. Body frame and lid: polyester powdercoat **(Select one option below):**
  - 1) Standard Texture from Forms+Surfaces Powdercoat Chart.
  - 2) Premium Texture from Forms+Surfaces Powdercoat Chart.
  - 3) Custom RAL powdercoat color.
- b. Insets: **(Choose one below):**
  - 1) FSC 100% Cumaru hardwood slats.
  - 2) Stainless Steel, Sandstone finish.
  - 3) Stainless Steel, Seastone finish.
  - 4) Stainless Steel, Diamond finish.
  - 5) Stainless Steel, Satin finish.
- c. Rain cover (optional): polyester powdercoat to match lid.

### 3. Latch: **(Choose one below):**

- 1) Standard lift latch.
- 2) Tool-operated security latch.

### 4. Dimensions **(Select models below):**

#### a. Receptacles:

##### 1) 24-gallon, single-stream receptacle:

1. 24-gallon, top opening, freestanding, without rain cover: 21.0" wide x 15.0" deep x 32.0" high.
2. 24-gallon, top opening, freestanding, with rain cover: 21.0" wide x 15.0" deep x 40.5" high.
3. 24-gallon, top opening, surface mount, without rain cover: 21.0" wide x 15.0" deep x 32.5" high.
4. 24-gallon, top opening, surface mount, with rain cover: 21.0" wide x 15.0" deep x 41.0" high.

##### 2) 36-gallon, single-stream receptacle

1. 36-gallon, top opening, freestanding, without rain cover: 32.0" wide x 15.0" deep x

- 32.0" high.
- 2. 36-gallon, top opening, freestanding, with rain cover: 32.0" wide x 15.0" deep x 40.5" high.
- 3. 36-gallon, top opening, surface mount, without rain cover: 32.0" wide x 15.0" deep x 32.5" high.
- 4. 36-gallon, top opening, surface mount, with rain cover: 32.0" wide x 15.0" deep x 41.0" high.
- 3) 36-gallon, split-stream litter & recycling receptacle:
  - 1. 36-gallon, top opening, freestanding, without rain cover: 32.0" wide x 15.0" deep x 32.0" high.
  - 2. 36-gallon, top opening, freestanding, with rain cover: 32.0" wide x 15.0" deep x 40.5" high.
  - 3. 36-gallon, top opening, surface mount, without rain cover: 32.0" wide x 15.0" deep x 32.5" high.
  - 4. 36-gallon, top opening, surface mount, with rain cover: 32.0" wide x 15.0" deep x 41.0" high.
- b. Lid openings:
  - 1) Single-stream receptacle:
    - 1. 24-gallon, single-stream lid opening: 15" wide x 5" deep.
  - 2) Split-stream receptacle:
    - 1. 36-gallon, split-stream lid openings: two openings of 12.4" wide x 5" deep.
- 5. Instructional Graphics:
  - a. Apply instructional graphics to lids as specified to indicate the intended waste or recycling stream.
    - 1) Graphics type: back-printed polycarbonate.
    - 2) Letters and symbols color: White.
    - 3) Graphics background colors:
      - 1. Black.
      - 2. Blue.
      - 3. Green.
- 6. Installation (Select one below):
  - a. Freestanding (provide levelers when freestanding is specified).
  - b. Surface mount (provide anchors, levelers, and stainless steel mounting screws when surface mount is specified).

### Part 3 Execution

#### 01. Examination

- A. Verify that substrates are stable and capable of supporting the weight of items covered under this section.
- B. Verify that substrates have been adequately prepared to securely anchor those items that will be surface mounted.

#### 02. Installation

- A. Install according to the manufacturer's installation instructions.

B. Install in conformance to applicable ADA guidelines and End User's established accessibility policies.

**END OF SECTION**