

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

FURNISHINGS
SITE FURNISHINGS
TRASH AND LITTER RECEPTORS
TRANSIT RECEPTACLE

Part 1 General

01. Summary

A. Section Includes:

1. Stainless steel litter and recycling receptacles.

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 receptacles based on the product named:

1. Transit 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

B. Receptacles

1. Materials:

a. Structural frame:

- 1) Base and top castings: solid corrosion-resistant cast aluminum.
- 2) Vertical supports: stainless steel.

b. Body and swing-out access doors: stainless steel.

c. Lids (Choose one below):

- 1) Polyethylene (dual-stream and tri-stream, waste-specific models only).
- 2) Cast aluminum.

d. Optional rain cover: cast aluminum with tubular stainless steel mounting posts. (Must be used with cast aluminum lid).

e. Liners: black polyethylene with UL94HB fire rating.

2. Finishes:

a. Body and swing-out access doors (Choose one finish below):

- 1) Sandstone.
- 2) Linen.
- 3) Diamond.
- 4) Satin.

b. Lids:

1) Polyethylene lids (dual-stream and tri-stream, waste-specific models only): light texture finish (Choose one color below):

1. Black.
2. Blue.
3. Green.

2) Cast aluminum lids: 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.

c. Optional rain cover: polyester powdercoat (to match cast aluminum lid).

3. Dimensions (Select models below):

a. Receptacles:

1) Dual-stream receptacle:

1. 60-gallon, top opening with one 20-gallon and one 40-gallon liner: 40.8" wide x 19.5" deep x 35.9" high.
2. 60-gallon, top opening with one 20-gallon and one 40-gallon liner, with rain cover: 40.8" wide x 19.5" deep x 46.5" high.

2) Tri-stream receptacle:

1. 60-gallon, top opening with three 20-gallon liners: 40.8" wide x 19.5" deep x 35.9" high.

2. 60-gallon, top opening with three 20-gallon liners, with rain cover: 40.8" wide x 19.5" deep x 46.5" high.

b. Lid openings:

1) Dual-stream receptacle:

1. Large opening: 18.4" wide x 8.6" deep.
2. Small opening: 7.1" wide x 8.1" deep.

2) Tri-stream receptacle, waste-specific openings:

1. Round opening (bottles & cans): 6.0" diameter.
2. Oval slot (paper): 2.0" wide x 12.0" deep.
3. Square opening (litter): 8.0" wide x 8.0" deep.

3) Tri-stream receptacle, rectangular openings:

1. Center opening: 6.0" wide x 9.6" deep.
2. Side openings: 8.1" wide x 8.7" deep.

4. 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. Dual-stream (SLTRA-4020):

- a. Black.
- b. Blue.
- c. Green.

2. Tri-stream, waste-specific openings (SLTRA-180): One strip containing Black, Blue, and Green.

3. Tri-stream, rectangular openings (SLTRA-320):

- a. Black.
- b. Blue.
- c. Green

5. Installation (Select one below):

a. Freestanding (provide levelers when freestanding is specified).

b. Surface mount (provide anchors 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