

DIVISION 12 00 00
SECTION 12 93 00
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FURNISHINGS
SITE FURNISHINGS
SITE SEATING AND TABLES
SITE SEATING
TANGENT TABLE ENSEMBLE

Part 1 General

01. Summary

A. Section Includes:

1. Four-seat ensemble, backed seats, extruded aluminum slats.
2. Four-seat ensemble, backed seats, FSC® 100% Ipé hardwood slats.
(FSC License Code: FSC-C004453)
3. Four-seat ensemble, backed seats, stainless steel pan seats.
4. Four-seat ensemble, backless seats, extruded aluminum slats.
5. Four-seat ensemble, backless seats, FSC 100% Ipé hardwood slats.
6. Four-seat ensemble, backless seats, stainless steel pan seats.
7. Six-seat ensemble, backed seats, extruded aluminum slats.
8. Six-seat ensemble, backed seats, FSC 100% Ipé hardwood slats.
9. Six-seat ensemble, backed seats, stainless steel pan seats.
10. Six-seat ensemble, backless seats, extruded aluminum slats.
11. Six-seat ensemble, backless seats, FSC 100% Ipé hardwood slats.
12. Six-seat ensemble, backless seats, stainless steel pan seats.

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 site seating.
2. Provide reference list of at least ten major transportation authorities, municipalities, universities, or other high-use public environments currently using site seating 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 table ensemble based on the product named:

1. Tangent Table Ensemble 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. Ensembles:

1. Materials:

a. Frames: cast aluminum and extruded aluminum.

b. Table Tops: 48" across, stainless steel, with or without a center hole to receive a 1.75" diameter umbrella pole.

c. Seat Type:

1) Backed.

2) Backless.

d. Seats (Choose one option below):

1) Extruded aluminum slats.

2) FSC 100% Ipé hardwood slats.

3) Stainless steel seat pans.

e. Fasteners: stainless steel.

2. Finishes:

a. Ensemble frame:

1) Cast aluminum and extruded aluminum: 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. Seats (Choose one option below):

1) Extruded aluminum slats: 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.

2) FSC 100% Ipé hardwood slats: natural oiled finish.

3) Stainless steel seat pan (Choose one finish below):

1. Polyester powdercoat (Select one option below):

a. Standard Texture from Forms+Surfaces Powdercoat Chart.

- b. Premium Texture from Forms+Surfaces Powdercoat Chart.
 - c. Custom RAL powdercoat color.
 - 2. Stainless steel finish (Choose one finish below):
 - a. Sandstone.
 - b. Diamond.
 - c. Satin.
 - 3. Stainless steel pattern (Choose one pattern below):
 - a. No Pattern.
 - b. Fade.
 - c. Micro.
 - d. Stitch.
- a. Table Tops (Choose one option below):
 - 1) Stainless steel finish: (Choose one finish below):
 - a. Sandstone.
 - b. Diamond.
 - c. Satin.
 - 1) Powdercoat finish: (Choose one finish below):
 - 1. Polyester powdercoat (Select one option below):
 - a. Standard Texture from Forms+Surfaces Powdercoat Chart.
 - b. Premium Texture from Forms+Surfaces Powdercoat Chart.
 - c. Custom RAL powdercoat color.
 - 3) With or without a center hole to receive a 1.5" (38 mm) diameter umbrella pole. When an umbrella hole is specified, a nylon collar and cap are included.
- 1. Dimensions (Select model(s) below):
 - a. Four-seat ensembles with backed seats:
 - 1) Overall: 57.2" diameter, 32.9" height, 29.3" table height.
 - 2) Seats: 18.0" wide x 20.2" deep x 18.1" high.
 - b. Four-seat ensembles with backless seats:
 - 1) Overall: 54.4 " diameter, 29.3" height, 29.3" table height.
 - 2) Seats: 18.0" wide x 20.2" deep x 18.1" high.
 - c. Six-seat ensembles with backed seats:
 - 1) Overall: 85.3" diameter, 32.9" height, 29.3" table height.
 - 2) Seats: 18.0" wide x 20.2" deep x 18.1" high.
 - d. Six-seat ensembles with backless seats:
 - 1) Overall: 80.6" diameter, 30.2" height, 29.3" table height.
 - 2) Seats: 18.0" wide x 20.2" deep x 18.1" high.
- 2. Installation (Choose one option below):
 - a. Freestanding.
 - b. Surface mount (provide anchors and stainless steel mounting hardware).

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