

DIVISION 12 00 00 FURNISHINGS
SECTION 12 93 00 SITE FURNISHINGS
SECTION 12 93 43 SITE SEATING AND TABLES
SECTION 12 93 43.13 SITE SEATING
CORDIA BENCH

Part 1 General

01. Summary

A. Section Includes:

1. Backed bench, 6 foot, aluminum frame, FSC 100% Jatoba hardwood slats.
2. Backless bench, 6 foot, aluminum frame, FSC 100% Jatoba hardwood slats.
3. Backed bench, 6 foot, aluminum frame, extruded aluminum slats.
4. Backless bench, 6 foot, aluminum frame, extruded aluminum slats.

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. Forest Stewardship Council (FSC) Certified Supplier. Provide manufacturer's FSC certification number.
3. 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 backed and/or backless benches based on the product named:

1. Cordia Bench 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. Benches

1. Materials:
 - a. Bench frame: aluminum with integral armrests.
 - b. Bench slats (Choose one below):
 - 1) FSC 100% Jatoba hardwood (FSC License Code: FSC-C004453).
 - 2) Extruded aluminum.
 - c. Seat dividers: Cast aluminum (Optional)
 - 1) Center seat divider.
 - 2) Intermediate seat divider.
2. Finishes
 - a. Bench frame: 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. Bench slats: (Choose one below):
 - 1) Wood: Penofin® hardwood formula "Transparent Natural."
 - 2) 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.
 - c. Seat Dividers: (Optional)
 - 1) Polyester powdercoat to match bench frame.
3. Dimensions (Choose model below):
 - a. Backed bench, six foot, freestanding
 - 1) Overall dimensions: 72.6" long x 23.8" deep x 34.1" high.
 - 2) Seat dimensions: 17" deep x 18.6" high.
 - 3) Armrest height: 23.3".
 - b. Backless bench, six foot, freestanding
 - 1) Overall dimensions: 72.5" long x 18.3" deep x 23.6" high.
 - 2) Seat dimensions: 17" deep x 18.6" high.
 - 3) Armrest height: 23.6".
 - c. Backed bench, six foot, surface mount
 - 1) Overall dimensions: 72.5" long x 23.8" deep x 34.1" high.

- 2) Seat dimensions: 17" deep x 18.6" high.
- 3) Armrest height: 23.3".
- d. Backless bench, six foot, surface mount
 - 1) Overall dimensions: 72.5" long x 18.3" deep x 23.6" high.
 - 2) Seat dimensions: 17" deep x 18.6" high.
 - 3) Armrest height: 23.3".
- 4. Mounting:
 - a. Freestanding. Provide levelers.
 - b. Surface mount. Provide threaded anchors and stainless steel mounting screws.

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