

DIVISION 12 00 00
SECTION 12 93 00
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FURNISHINGS
SITE FURNISHINGS
SITE SEATING AND TABLES
SITE SEATING
APEX BENCH

Part 1 General

01. Summary

A. Section Includes:

1. Standalone backless bench with aluminum frame and aluminum slats.
2. Standalone backless bench with aluminum frame and FSC® 100% Cumaru hardwood slats.
3. Backless bench for use with add-on sections with aluminum frame and aluminum slats.
4. Backless bench for use with add-on sections with aluminum frame and FSC 100% Cumaru hardwood slats.
5. Intermediate add-on section with aluminum frame and aluminum slats.
6. Intermediate add-on section with aluminum frame and FSC 100% Cumaru hardwood slats.
7. End add-on section with aluminum frame and aluminum slats.
8. End add-on section with aluminum frame and FSC 100% Cumaru hardwood slats.
9. Wall-top mount bench with aluminum frame and FSC® 100% Cumaru hardwood slats.
10. Wall-top mount bench with aluminum frame and aluminum slats.

(FSC License Code: FSC-C004453)

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 backless bench(es) based on the product named.

1. Apex Bench by Forms+Surfaces

2. Manufacturer Contact:

Forms+Surfaces

30 Pine Street

Pittsburgh, PA 15223

phone: 800-451-0410

fax: 412-385-4715

email: sales@forms-surfaces.com

website: www.forms-surfaces.com

B. Benches & add-on sections

1. Materials:

a. Frames: aluminum.

b. Seats (Select one option below):

1) Extruded aluminum slats.

2) FSC® 100% Cumaru hardwood slats.

c. Fasteners: stainless steel.

2. Finishes:

a. Frames: polyester powdercoat (Select one option below):

1) Standard Texture from Forms+Surfaces Powdercoat Chart.

2) Custom RAL powdercoat color.

b. Seats (Select one option below):

1) Extruded aluminum slats: polyester powdercoat (Select one option below):

1. Standard Texture from Forms+Surfaces Powdercoat Chart.

2. Custom RAL powdercoat color.

2) FSC® 100% Cumaru: natural oiled finish.

3. Dimensions (Choose model below):

a. Stand-alone bench: 72.0" long x 17.7" deep x 17" high.

b. Bench for use with add-on sections: 72.3" long x 17.7" deep x 17" high.

c. Intermediate add-on section: 72.3" long x 17.7" deep x 17" high.

d. End add-on section: 72.0" long x 17.7" deep x 17" high.

e. If specifying benches with add-on sections, add 0.25" to overall length of final unit per add-on section.

f. Wall-top mount bench: 72.0" long x 17.7" deep x 2.5" high.

4. Mounting:

a. Surface mount with narrow legs. Provide anchors and stainless steel mounting hardware.

b. Freestanding with square legs (for standalone benches only).

c. Wall-top. Provide mounting hardware based on installation.

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