

**DIVISION 12 00 00**  
SECTION 12 93 00  
SECTION 12 93 43  
SECTION 12 93 43.13

**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 FSC® 100% Cumaru hardwood seat slats.  
(FSC License Code: FSC-C004453)
2. Backless bench for use with add-on sections with aluminum frame and FSC 100% Cumaru hardwood seat slats.
3. Intermediate add-on section with aluminum frame and FSC 100% Cumaru hardwood seat slats.
4. End add-on section with aluminum frame and FSC 100% Cumaru hardwood seat slats.
5. Wall-top mount bench with aluminum frame and FSC® 100% Cumaru hardwood seat 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. 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: 412-781-7840  
email: sales@forms-surfaces.com  
website: www.forms-surfaces.com

B. Benches & add-on sections

1. Materials:

- a. Frames: aluminum.
- b. Seats: 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) Premium Texture from Forms+Surfaces Powdercoat Chart.
  - 3) Custom RAL powdercoat color.
- b. Seats: 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. Provide anchors and stainless steel mounting hardware.
- b. 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**