

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
KNIGHT TABLE ENSEMBLE

Part 1 General

01. Summary

A. Section Includes:

1. Six-foot, backed table ensemble with aluminum frame and Forest Stewardship Council (FSC®) 100% Ipé hardwood slats. (FSC License Code: FSC-C004453); extruded aluminum slats
2. Six-foot, backless table ensemble with aluminum frame and FSC 100% Ipé hardwood slats; extruded aluminum slats
3. Six-foot, backed table ensemble with ADA option, aluminum frame, and FSC 100% Ipé hardwood slats; extruded aluminum slats
4. Six-foot, backless table ensemble with ADA option, aluminum frame, and FSC 100% Ipé hardwood slats; 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 furniture.
2. 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 table ensembles based on the product named:

1. Knight 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. Table Ensemble

1. Materials:

a. Frames: solid aluminum.

2. Slats:

a. FSC 100% Ipé hardwood

b. extruded aluminum slats

3. Fasteners: stainless steel.

4. 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. Slats, wood: Penofin® hardwood formula, "Transparent Natural."

c. Slats, metal: polyester powdercoat

1) Standard Texture from Forms+Surfaces Powdercoat Chart.

2) Premium Texture from Forms+Surfaces Powdercoat Chart.

3) Custom RAL powdercoat color.

5. Dimensions:

a. Knight Table Ensemble, backed:

1) Knight Table Ensemble (set): 72" overall length, 85.3" overall depth, 31.1" overall height.

2) Knight Table Ensemble (bench): 72" length, 22.6" depth, 31.1" height.

3) Knight Table Ensemble (ADA bench): 36" length, 21.9" depth, 31.1" height.

4) Knight Table Ensemble (table): 72" length, 37" depth, 30.4" height.

b. Knight Table Ensemble, backless:

1) Knight Table Ensemble (set): 72" overall length, 79.5" overall depth, 30.4" overall height.

2) Knight Table Ensemble (bench): 72" length, 19.8" depth, 18" height.

3) Knight Table Ensemble (ADA bench): 36" length, 19.8" depth, 18" height.

4) Knight Table Ensemble (table): 72" length, 37" depth, 30.4" height.

6. Weight:

a. Knight Table Ensemble, backed, Ipé wood slats:

1) Knight Table Ensemble: 392 lbs.

- 2) Knight Table Ensemble with ADA option: 356 lbs.
 - b. Knight Table Ensemble, backless, Ipé wood slats:
 - 1) Knight Table Ensemble: 336 lbs.
 - 2) Knight Table Ensemble with ADA option: 300 lbs.
 - c. Knight Table Ensemble, backed, extruded aluminum slats:
 - 1) Knight Table Ensemble: 484 lbs.
 - 2) Knight Table Ensemble with ADA option: 424 lbs.
 - d. Knight Table Ensemble, backless, extruded aluminum slats:
 - 1) Knight Table Ensemble: 391lbs.
 - 2) Knight Table Ensemble with ADA option: 350 lbs.
7. Mounting: Surface mount. Provide 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