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
VECTOR TABLE ENSEMBLE

Part 1 General

01. Summary
    - A. Section Includes:
        1. Table ensemble with aluminum frame and FSC® 100% Cumaru hardwood slats. (FSC License Code: FSC-C004453) or extruded aluminum slats
        2. Table ensemble with ADA option, cast aluminum frame, and FSC 100% Cumaru hardwood slats or 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. 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: three years 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. Vector Table Ensemble 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. Table Ensembles

1. Materials:
   a. Frames: aluminum.
   b. Slats (Choose one below):
      1) FSC 100% Cumaru hardwood (FSC License Code: FSC-C004453).
      2) Extruded aluminum.
   c. Seat backs: aluminum (Optional)
2. Finishes:
   a. Frames: polyester powdercoat (Select one option below):
      1) Standard Texture from Forms+Surfaces Powdercoat Chart.
      2) Custom RAL powdercoat color.
   b. Slats, wood: Penofin® hardwood formula, “Transparent Natural.”
   c. Slats, metal: Polyester powdercoat (Select one option below):
      1. Standard Texture from Forms+Surfaces Powdercoat Chart.
      2. Custom RAL powdercoat color.
3. Seat backs: (Optional)
      1) Polyester powdercoat to match bench frame.
4. Dimensions:
   a. Vector Table Ensemble (set): 72.5" overall length, 63.4" overall depth, 30" height.
   b. Vector Table Ensemble (bench): 72.5" length, 16.9" depth, 17.5" height.
   c. Vector Table Ensemble (ADA bench): 25.7" length, 16.9" depth, 17.5" height.
   d. Vector Table Ensemble (table): 72.5" length, 29.6" depth, 30" height.
5. Weight:
   a. Vector Table Ensemble:
      1) backed, Cumaru: 374.7 lb
      2) backless, Cumaru: 323.8 lb
      3) backed, aluminum slats: 409.2 lb
      4) backless, aluminum slats: 358.3 lb
   b. Vector Table Ensemble with ADA option:
      1) backed, Cumaru: 318.5 lb
      2) backless, Cumaru: 284.5 lb
      3) backed, aluminum slats: 346.6 lb

4) backless, aluminum slats: 312.7 lb

6. Mounting (Choose one below):
    a. Freestanding.
    b. Surface mount. Stainless steel anchors and mounting hardware are sold separately. Required for tables and benches with seat backs.

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