

DIVISION 12 00 00
SECTION 12 93 00
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SECTION 12 93 43.13

FURNISHINGS
SITE FURNISHINGS
SITE SEATING AND TABLES
SITE SEATING
SOLERIS SUNSHADE

Part 1 General

01. Summary

A. Section Includes:

1. Sunshade, aluminum shade panels, aluminum frame, stainless steel pole, and mounting assembly.

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 sunshade based on the product named:

1. Soleris Sunshade 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. Sunshade:

1. Materials:

- a. Shade panels: Constructed of 0.06" aluminum.
 - 1) Solid shade panels.
 - 2) Perforated aluminum (Choose one option below):
 1. Cloud.
 2. Fade.
 3. Slat.
 4. Stitch.
- b. Frame: cast and extruded aluminum.
- c. Fasteners: stainless steel.
- d. Mounting Pole: 1.75" diameter stainless steel tubing.
- e. Mounting pole sleeve: 2.0" diameter stainless steel tubing.
- f. Locking pin: stainless steel.
- g. Base Plate (Choose one option below):
 - 1) Standalone or with tabletop: 0.50" stainless steel base plate, 14.5" diameter.
 - 2) Apex Table Ensemble, 0.50" stainless steel plate, 11"x11" square.
 - 3) Knight Table Ensemble, 0.50" stainless steel base plate, 11"x11" square.
 - 4) Tangent Table Ensemble, 4-seat: 0.50" stainless steel base plate, 9.25" diameter.
 - 5) Tangent Table Ensemble, 6-seat: 0.50" stainless steel base plate, 9.25" diameter.
 - 6) Trio Table Ensemble, 0.50" stainless steel base plate, 11"x11" square.
 - 7) Other application as specified.
- h. Anchoring hardware: Stainless steel mounting screws.

2. Finishes:

- a. Shade panels: Polyester powdercoat (Select one option below):
 - 1) Standard Texture/ Gloss from Forms+Surfaces Powdercoat Chart.
 - 2) Premium Texture from Forms+Surfaces Powdercoat Chart.
 - 3) Custom RAL powdercoat option.
- b. Frame and mounting assembly: 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 option.
- c. Mounting Pole: Satin finish.

3. Dimensions:

- a. Standalone: 96.9" wide x 86.0" deep x 92.7" high.
- b. Apex Table Ensemble: 96.9" wide x 83.0" deep x 86.7" high.
- c. Knight Table Ensemble: 96.9" wide x 83.0" deep x 86.7" high.
- d. Tangent Table Ensemble: 96.9" wide x 86.0" deep x 86.7" high.

- e. Trio Table Ensemble: 96.9" wide x 86.0" deep x 86.7" high.
 - f. With round tabletop: 96.9" wide x 86.0" deep x 86.7" - 92.7" high.
 - g. With square tabletop: 96.9" wide x 83.0" deep x 86.7" high.
4. Installation:
- a. Surface mount (provided anchors and hardware).

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