**­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**

**FLOAT BENCH**

**Part 1 General**

1. Summary
	1. Section Includes:
		1. Backed bench, 6 foot, aluminum frame, FSC 100% Cumaru hardwood slats.
		2. Backed bench, 6 foot, aluminum frame, Thermally Modified Red Oak slats.
		3. Backless bench, 6 foot, aluminum frame, FSC 100% Cumaru hardwood slats.
		4. Backless bench, 6 foot, aluminum frame, Thermally Modified Red Oak slats.
2. Submittals
	1. Provide submittals in accordance with Section 01 33 00 – Submittal Procedures.
	2. Product data:
		1. Manufacturer’s standard product literature.
		2. Shop drawings.
		3. Installation instructions.
		4. Maintenance instructions.
	3. Submit powdercoat finish samples for approval.
3. Quality Assurance
	1. Manufacturer Qualifications:
		1. Minimum 15 years experience in the manufacture of site seating.
		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.

1. Delivery, Storage and Handling
	1. Handle products in accordance with manufacturer’s instructions.
	2. Store products in manufacturer’s original packaging until ready for installation.
	3. Protect products from impacts and abrasion during storage.
2. Warranty
	1. Provide manufacturer’s standard warranty:
		1. Warranty terms: three years from date of invoice against defects in materials and workmanship.

**Part 2 Products**

1. Manufacturer
	1. Basis-of-design product: provide backless benches based on the product named:
		1. Float 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](http://www.forms-surfaces.com)

* 1. Seating:
		1. Materials:
			1. Slats: (Choose one below):
				1. FSC 100% Cumaru hardwood.
				2. Thermally Modified Red Oak.
			2. Bench frame: extruded and cast aluminum.
			3. Optional seat dividers: cast aluminum.
		2. Finishes
			1. Bench slats: (Select one option below):
				1. Cumaru Wood slats: Penofin® hardwood formula “Transparent Natural.”
				2. Thermally Modified Red Oak slats. Penofin® hardwood formula “Transparent Natural.”
			2. Bench frame and optional seat dividers: polyester powdercoat (Select one option below):
				1. Standard Texture from Forms+Surfaces Powdercoat Chart.
				2. Custom RAL powdercoat color.

* + 1. Dimensions (Choose model below):
			1. Backed bench, six foot,
				1. Overall dimensions: 72.4" long x 21.4" deep x 31.6" high.
				2. Seat dimensions: 16" deep x 17.6" high.
			2. Backless bench, six foot,
				1. Overall dimensions: 72.4" long x 20.4" deep x 22.6" high.
				2. Seat dimensions: 20.4" deep x 17.6" high.
		2. Mounting:
			1. Installation: Freestanding.
			2. Surface mount. Threaded anchors and stainless steel mounting hardware are sold separately.

**Part 3 Execution**

1. Examination
	1. Verify that substrates are stable and capable of supporting the weight of items covered under this section.
	2. Verify that substrates have been adequately prepared to securely anchor those items that will be surface

mounted.

1. Installation.
	1. Install according to the manufacturer’s installation instructions. Stainless steel mounting hardware sold separately
	2. Install in conformance to applicable ADA guidelines and End User’s established Accessibility policies.

**END OF SECTION**