**SECTION 07 29 00**

**Battens**

**PART 1 – GENERAL**

* 1. **SUMMARY**
1. Section Includes: Two Part Vertical Batten
2. Related Requirements: Division 1 – General Requirements

**1.2 REFERENCES**

1. The publications listed below form a part of this specification to the extent referenced. Publications are referenced within the text by the basic designation only.
2. American Welding Society (AWS):
	* 1. Standard D1.2 – Structural Welding Code – Aluminum
3. American Architectural Manufacturers Association (AAMA):
	* 1. Aluminum finishes AAMA 2603 Powder Coat
		2. Aluminum finishes AAMA 2605 Kynar
		3. Aluminum finishes AAMA 611 Anodize
	1. **SUBMITTALS**
4. Shop Drawings: Indicate size, material and finish. Include plan elevation pages to clearly outline batten locations. Include installation procedures, details of joints, attachments and clearances. Provide lead time for product and note possible conflicts with standard line.
5. Color charts showing manufacturer’s full range of colors from standard line.

**1.4 Warranty**

1. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal canopies that fail in materials or workmanship within specified warranty period.
	* 1. Warranty Period: One year from date of Substantial Completion.

**PART 2 – PRODUCTS**

* 1. **APPROVED MANUFACTURERS**
1. Specifications are based on Architectural Fabrication, Inc. – Architectural Fabrication, Inc. – Manufacturer and Installer is located at 2100 E. Richmond Avenue, Fort Worth, TX 76104. 800.962.8027. [www.arch-fab.com](http://www.arch-fab.com)
2. Substitutions are acceptable assuming they comply with these specifications, are submitted based on Section 01XXX – Substitution Requirements and have a minimum 10 years’ experience.
	1. **MATERIALS**
3. Batten Sections: Extruded aluminum base and extensions snap fit together.
	1. Batten Base: 2” base fit for all extensions listed
	2. Batten Extension: 2”, 4”, 6”, and 8” extruded extensions
4. End Caps: Counter sunk screws go into screw bosses for flush fit cap.
5. Hardware and Fasteners: Bolts and screws to be zinc plated or galvanized steel required to suit application and per pre-engineered batten load requirements.
6. Finish: Powder coat finish per ASTM D 3451, complying with finish manufacturer’s written instructions for surface preparation including pretreatment, application, baking for minimum dry film thickness. Color to be selected from standard color lines.
	* 1. Aluminum finishes AAMA 2603 Powder Coat
		2. Aluminum finishes AAMA 2605 Kynar
		3. Aluminum finishes AAMA 611 Anodize

**PART 3 – EXECUTION**

* 1. **FABRICATION**
1. Fabricate and finish battens. Clearly mark units for reassembly and coordinated installation.

**3.2 INSTALLATION**

1. Install battens per manufacturer’s written instructions and as indicated on drawings.
2. Locate and place battens level, plumb and tight fitting at indicated alignment.
3. Use concealed anchors where possible.
4. Repair damaged finishes so no evidence remains of corrective work. Return items to the factory that cannot be refinished in the field. Make required alterations and refinish entire unit or provide new units.
5. Protect galvanized and nonferrous-metal surfaces from corrosion or galvanic action by applying a coating of bituminous paint or elastomeric coating on surfaces that will be in contact with concrete, masonry or dissimilar metals.

**END OF SECTION**