

# GORDON BATTEN WALL SYSTEM FEATURING MILLENNIUM® PANELS

## SECTION 09 84 00

### **PART 1 – GENERAL**

#### **1.01 SECTION INCLUDES:**

- A. This section includes Batten Wall System featuring MILLENNIUM® Panels as shown on the Drawings.
- B. Related sections include the following: (List applicable sections)

#### **1.02 RELATED DOCUMENTS/SECTIONS:**

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions.
- B. Division 1 Specification sections apply to work of this Section.
- C. Finish Schedule or Finish Legend applies to work of this Section.

#### **1.03 REFERENCES:**

- A. GENERAL
  - 1. Comply with applicable requirements of the following, except where more stringent requirements are indicated by building codes.
- B. ASTM (American Society for Testing and Materials)
  - 1. B209 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
  - 2. E84 Standard Test Method for Surface Burning Characteristics of Building Materials
- C. The Aluminum Association Standards and Data

#### **1.04 DESIGN/PERFORMANCE REQUIREMENTS:**

- A. All components of the Batten Wall System featuring MILLENNIUM® Panels shall be provided by one (1) Manufacturer to ensure single source responsibility and quality control.

#### **1.05 SUBMITTALS:**

- A. Submission must be made within ten (10) working days of the General Contract Award to avoid project delay.
- B. Product Data: Submit Manufacturer's technical data and brochures.
- C. Shop Drawings shall show dimensions, sizes, thickness, finishes, joining, attachments, and relationship of adjoining work.
- D. Samples:
  - 1. Samples shall include a piece MILLENNIUM® Panel, Q Panel of specified finish, and Batten Extrusions.
- E. Certification:

1. Submit certificates from Manufacturer of Wall Panels attesting that products comply with specified requirements, including finish, as specified.
- F. Qualification Data:
1. Firms specified in "Quality Assurance" Article must demonstrate their capabilities and experience by including lists of completed projects with project names and addresses, names and addresses of Architects and owners, and other information specified.
- G. Warranty:
1. Provide sample of product warranty.
- H. Cleaning and Maintenance Instructions

**1.06 QUALITY ASSURANCE:**

- A. Manufacturer: Firm with manufacturing and delivery capacity required for the project, shall have successfully completed at least ten (10) projects within the past five (5) years, utilizing systems, materials, and techniques as herein specified.
- B. Fabricator must own and operate its own manufacturing facilities for all metal components. "Stick Built" or "Kit of Parts Systems" consisting of components from a variety of Manufacturers will not be considered or accepted.
- C. Manufacturer/Fabricator must own and operate its own painting and finishing facility to assure single source responsibility and quality control.

**1.07 PRODUCT DELIVERY, STORAGE AND HANDLING:**

- A. All materials shall be protected during fabrication, shipment, site storage, and erection to prevent damage to the finished work from other trades. Store Wall Panels inside a well-ventilated area, away from uncured concrete and masonry, and protected from the weather, moisture, soiling, abrasion, extreme temperatures, and humidity.

**1.08 SEQUENCING:**

- A. Substitute Products: Alternate proposals for substitute products will not be accepted unless approval is issued in addenda.
- B. Contract Execution: Submittals shall be completed and approved prior to award of subcontract for system components.
- C. Manufacturer's Production Schedule: Sub-contract for the work of this section shall be planned to allow sufficient time for Manufacturer's production and delivery scheduling.

**1.09 WARRANTY:**

- A. Furnish Manufacturer's:
  1. Warranty that materials furnished will perform as specified for a period of not less than one (1) year from date of material shipment when installed in accordance with Manufacturer's recommendations.

**PART 2 - PRODUCTS**

## **2.01 MANUFACTURERS:**

- A. Batten Wall System featuring MILLENNIUM® Panels shall be manufactured by Gordon, Inc. For all inquiries contact, Gordon, Inc., 5023 Hazel Jones Road, Bossier City, LA 71111, (800) 747-8954.
- B. The listed Manufacturer shall not be construed as closing specifications to other prospective Manufacturers, but rather as establishing a level of quality in a metal system. Other systems may be submitted for approval, as provided for in the specifications at least ten (10) working days prior to submission of bids. Companies desiring to submit a proposal shall submit all descriptive information of the system proposed including photographs and Shop Drawings of at least three (3) projects similar in detail and scope.

## **2.02 PRODUCT CONSTRUCTION:**

- A. Materials:
  - 1. Batten Wall System featuring MILLENNIUM® Panels shall be a complete Gordon, Inc. System. All secondary framing, anchors, Clips, and extrusions are to be provided as a complete package of this work. No exposed fasteners for metal closures are allowed.
  - 2. MILLENNIUM® Panels shall be 3003-H14 alloy, 0.063" thick. [ASTM B 209 (ASTM BG 209M)].
    - a. Textured products, such as MILLENNIUM®, may have surface imperfections resulting from the texturing process. The pattern may not align from part to part due to standard machining tolerances. Also, the pattern may not run in a straight line at bends and cuts, and half patterns may occur at bends and cuts. This is typical of textured, woven, and perforated materials.
  - 3. Batten Extrusion Trims shall be aluminum 6063-T6 alloy. [ASTM B 221 (ASTM B 211M)].
    - a. Two-piece snap Top Trims: WP-1 Top Base and WP-2 Top Trim.
    - b. Two-piece snap Mid Trims: WP-3 Splice Base and WP-4 Splice Trim Cover.
    - c. Single extrusion: WP-5 Base Trims.
    - d. Optional two-piece snap Reveal Trims:
      - i. Two-piece reveal snap Top Trims: WP-1R Top Base and WP-2R Top Trim.
      - ii. Two-piece reveal snap Mid Trims: WP-3R Splice Base and WP-4R Splice Trim Cover.
    - e. Custom Trims as specified.
  - 4. MILLENNIUM® Panels shall be three-dimensional material ¼" thick in sizes as shown on the Drawings. Material shall be opaque in frontal view, with approximately 40% open area as required for acoustical performance. Pattern shall run the length of the sheet.
- B. Acoustical Media (if required):
  - 1. Batten Wall System featuring MILLENNIUM® Panels shall be provided with a non-woven black fabric, Class A, according to ASTM E-84. Material shall be

provided to mount to blocking behind Panel to produce an NRC value of 0.70 when tested by an independent laboratory.

2. PVC encapsulated fiberglass may be employed in lieu of the non-woven fabric.

### **2.03 FINISHES:**

- A. All Batten Wall System featuring MILLENNIUM® Panels shall receive 5-stage pretreatment with dried-in-place conversion coating prior to receiving an electrostatically applied AAMA 2604 or AAMA 2605 compliant powder coating finish, depending on final application.
  1. Color to be selected from Gordon, Inc.'s list of Standard Colors (Custom Colors also available).
    - a. Antimicrobial finishes available.

### **2.04 FABRICATION:**

- A. Height of Wall Panels shall be up to 10'-0" without horizontal joints. Note that the maximum size of the un-fabricated sheet is 60" in width. Note that larger custom sizes are also available. Contact the factory.
- B. Wall Panels shall have either a closed or reveal vertical joint, as shown on the Architectural Drawings. All other details, including base and ceiling details, shall be fabricated in accordance with the Architectural Drawings.
- C. All Batten Extrusions provided in stock lengths for field cutting.
- D. MILLENNIUM® Wall Panels may be provided factory cut to size or stock sizes for field cutting.

## **PART 3 - EXECUTION**

### **3.01 EXAMINATION:**

- A. Examination of Surfaces: Installer must examine conditions under which work is to be performed and must notify contractor in writing of unsatisfactory conditions.
- B. Verify that field measurements and block-out dimensions are as shown on Shop Drawings.

### **3.02 PREPARATION:**

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the Manufacturer to achieving the best result for the project conditions.

### **3.03 INSTALLATION:**

- A. Install Wall Panels in accordance with Manufacturer's written Installation Instructions and Shop Drawings.
- B. Wall Panels shall be erected plumb, level, square, true to line, securely anchored, and in proper alignment and relationship to work of other trades.

- C. Wall Panels shall be inspected before installation to be free from dents, scratches, and other defects.
- D. Space Enclosure: Do not install any work until space is enclosed and weatherproofed, wet-work in space is completed and nominally dry, work above ceilings is complete, and temperature and humidity shall be continuously maintained at values near those of final occupancy.

**3.04 CLEANING:**

- A. Follow Manufacturer's cleaning instructions for specified finish.

**3.05 PROTECTION:**

- A. Protection of Batten Wall System featuring MILLENNIUM® Panels from damage by other trades after installation to be provided by General Contractor.

**END OF SECTION**