

ALUMABOARD®
SECTION 10 82 13
EXTERIOR GRILLES & SCREENS

PART 1 - GENERAL:

1.01 WORK INCLUDED:

Provide materials, labor, equipment and services necessary to furnish, deliver and install all work of this Section as shown on the drawings and as specified.

1.02 RELATED DOCUMENTS:

Drawings and general provisions of contract, including general and supplementary conditions and Division-1 specification sections, apply to work of this section.

1.03 RELATED WORK BY OTHER SECTIONS: (Insert related sections).

1.04 QUALITY ASSURANCE:

- A. Comply with SMACNA "Architectural Sheet Metal Manual" recommendations for fabrication, construction details and installation procedures, except as otherwise indicated.
- B. Field Measurements: Verify size, location and placement of screen units prior to fabrication, wherever possible.
- C. Shop Assembly: Coordinate field measurements and shop drawings with fabrication and shop assembly to minimize field adjustments, mechanical attachment and field assembly of units. Pre-assemble units in ship to greatest extent possible and disassemble as necessary for shipping and handling limitations. Clearly mark units for re-assembly and coordinated installation.

1.05 SUBMITTALS:

- A. Product Data: Submit manufacturer's specifications, technical data, and installation instructions for required products, including finishes.
- B. Shop Drawings: Submit shop drawings for fabrication and erection of screen units and accessories. Include plans, elevations and details of sections and connections to adjoining work. Indicate materials, finishes, fasteners, joinery and other information to determine compliance with specified requirements.

1.06 WARRANTY

A. Rollfab Metal Products limited warranty against checking, cracking, peeling, and gloss/color retention within the guidelines stated by the American Aluminum Manufactures Association (AAMA).

1. Standard Colors:

- a. D2000 - AAMA 2604 (5 Year Florida) 15 Year manufacturer's Warranty
- b. D3000 - AAMA 2605 (10 Year Florida) 20 Year manufacturer's Warranty

2. Woodgrains

- a. AAMA 2604 (5 Year Florida) 15 Year manufacturer's Warranty

PART 2 - PRODUCTS:

1.1 MANUFACTURERS

- A. Alumaboard by RollFab Metal Products, 2529 West Jackson Street,
Phoenix AZ 85009
Phone: 602-275-1676, Fax: 602-275-1739, email: info@rollfabmetal.com,
www.rollfabmetal.com

1.2 PRODUCTS

1" Profile Battens:

Solid Batten 1"x 3" (ALB BAT 1x3)
T End Cap 1"x 3" (ALB ECB 1x3)

Solid Batten 1"x 5" (ALB BAT 1x5)
T End Cap 1"x 5" (ALB ECB 1x5)

Two Piece Vertical Batten 1"x 5" (ALB VBATB 1 / V BATC 1x5)
T End Cap Vertical 1" x 5" (ALB ECVB 1x5)

Solid Batten 1"x 6" (ALB BAT 1x6)
T End Cap 1"x 6" (ALB ECB 1x6)

Two Piece Horizontal Batten 1" x 6" (ALB HBAT 6 / H BATC 1x6)
T End Cap (ALB ECHB 1x6)

Solid Batten 1" x 8" (ALB BAT 1x8)
T End Cap 1"x 8" ALB ECB 1x8

2" Profile Battens:

Two Piece Vertical Batten 2"x 2" (ALB VBATB 2 / VBATC 2x2)

T End Cap vertical 2" x 2" (ALB ECVB 2x2)

Two Piece Vertical Batten 2"x 6" (ALB VBATB 2 / VBATC 2x6)

T End Cap Vertical 2" x 6" (ALB ECVB 2x6)

1.3 FINISHES

- A. Pretreatment: Chrome Free five stage aluminum pretreatment system. Complies with AAMA 2603 AAMA 2604 and AAMA 2605 Superior Performance Standard and meets EPA, OSHA, State and Local environmental requirements and contains no chromates, cyanides or other heavy metals. Waste treatment is usually a simple pH neutralization and disposal to the sanitary sewer.
- B. Extremely Durable Powder Coatings: Premium Wood Finishes use a polyurethane powder coat with ink based wood grain patterns sublimated into the base powder effectively tattooing the powder. The combined effect creates all the aesthetic aspects of real wood while offering the same environmental advantages of powder coated finishes.
 - 1. Wood Grained – Contact Rollfab Metal Products for available color and texture finishes

1.4 FABRICATION

- A. Prepare surfaces, pre-treat and coat components in accordance with AAMA 2604 and 2605 Quality Standards and applicable European standards for the coating material specified.
- B. Wrap and package coated components using methods suitable for transit and covered site storage without damage.

PART 2 EXECUTION

2.1 EXAMINATION

- A. Do not begin installation until colors have been verified.
- B. Verify framing members are ready to receive extrusion system.
- C. If preparation is the responsibility of another installer, notify Architect of

unsatisfactory preparation before proceeding.

2.2 PREPARATION

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

2.3 INSTALLATION

- A. Install in accordance with manufacturer's installation instructions.
- B. Fasten Profile Battens to structural supports; aligned, level, and plumb.
 - 1. Locate joints over supports.
 - 2. Install expansion control joints where indicated.
 - 3. Use concealed fasteners unless otherwise approved by Architect.
- C. Install Profile Battens and accessories in accordance with best practice, with all joint members plumb and true.

2.4 FIELD QUALITY CONTROL

- A. After installation of battens, check entire surface for obvious flaws or defects.
- B. Replace and repair any problem areas, paying close attention to the substrate for causes of the problem.

2.5 CLEANING

- A. After application of battens, clean as necessary to remove all fingerprints and soiled areas.
- B. Upon completion of batten application, clean entire area, removing all scrap, packaging, and unused materials related to this work.

2.6 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine substrates and openings for compliance with requirements for installation tolerances and other conditions affecting performance.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

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

3.03 INSTALLATION

3.04 CLEANING

END OF SECTION