



## ALUMINUM COLUMN COVER GUIDELINE SPECIFICATIONS

### SAPA EXTRUSIONS DECORATIVE METAL COLUMN COVERS DIVISION 5, DIVISION 7 or DIVISION 9

Note To Specifier: Aluminum Column Covers are a post-finished architectural product and should be installed by skilled contractors that are experienced in handling finished products. Aluminum Column Covers shall be specified in, Division 5-Metals, Division 7-Thermal and Moisture Protection and Division 9-Finishes.

#### PART 1- GENERAL

##### 1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Contract, including General and Supplementary Conditions and Division 1 Specifications Sections apply to this Section.

##### 1.2 SUMMARY

- A. This section includes Aluminum Column Covers as shown on drawings.
- B. Related Sections include the following:

##### 1.3 SUBMITTALS

- A. Manufacturer's Product Data:
  - 1. Product Data: Submit manufacturer's technical data and brochures for each type of column cover required.
- B. Shop Drawings:
  - 1. Shop drawings shall show dimensions, sizes, thickness, alloys, tempers, finishes, joining, attachments, and relationship of adjoining work.
- C. Samples: (If Required)
  - 1. Samples shall include a 6" x 6" piece of each type of metal and finish as specified.

##### 1.4 QUALITY ASSURANCE

- A. Manufacturer: Firm with manufacturing and delivery capacity required for the project, shall have been engaged in the manufacture of these products for at least 10 years utilizing systems, materials and techniques as herein specified.
- B. Manufacturer/Fabricator must own and operate its own finishing facility to assure single source responsibility and quality control.

##### 1.5 DELIVERY, STORAGE & HANDLING



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

## PART 2 – PRODUCTS

### 2.1 MANUFACTURER

- A. Aluminum Column Covers shall be manufactured by Sapa Extrusions, 7320 NE 55<sup>th</sup> Ave., Portland, OR 97218, (503) 802-3000, FAX (503) 802-3484.

### 2.2 MATERIALS

- A. Decorative Aluminum Column Covers shall be a complete Sapa Extrusions system. All secondary posts, anchors, clips and extrusions can be provided as complete package of this work. No exposed fasteners for metal closures are allowed.
- B. General: Provide aluminum free from surface blemishes where exposed to view in finished unit. Surfaces exhibiting pitting, seam marks, roller marks, stains, discolorations, or other imperfections on finished units are not acceptable. All metal shall be of the highest grade, commercial type.
- C. Material shall be the following:
  - 1. Aluminum, 5052-H32, minimum .090" - .188" typical installation uses .125".

### 2.3 FABRICATION

- A. Height of Column Covers shall be up to 16'-0" without horizontal joints.
- B. Aluminum Column Covers shall have either a closed or reveal horizontal or 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. Aluminum Column Covers shall be manufactured in round (full, three-quarter, half, quarter), Oval, Elliptical, or Square configurations.
- D. Confirm diameter with manufacturer.

### 2.4 FINISHES

- A. Architect to select finish from manufacturers list of available finishes.
- B. General: Coatings to be applied in dedicated facility specialized in the application of specified finishes and authorized by the coatings manufacturer. All coatings must meet or exceed the requirements of AAMA 2605.
- C. Aluminum Panel Finish - Painted: select from 2, 3, or 4 coat as required 70 percent Kynar fluorocarbon, baked finish.
  - 1. Sapa Extrusions can provide all standard or custom colors from PPG, Valspar, Akzo Nobel, or other manufacturers.

D. Aluminum Panel Finish - Anodized: Class 1 Clear anodized.

## PART 3-EXECUTION

### 3.1 INSTALLATION

- A. Install Aluminum Column Covers in accordance with manufacturer's written installation instructions or shop drawings.
- B. Aluminum Column Covers shall be erected plumb, level, square, true to line, securely anchored, and in proper alignment and relationship to work of other trades. Exterior joints are to be sealed by installer with backer rods and sealant.
- C. Aluminum Column Covers shall be inspected before installation to be free from dents, scratches, and other defects.

### 3.2 CLEANING

- A. Remove protective covering immediately after installation to prevent adhesive transfer.
- B. Clean all surfaces following installation per AAMA recommended standards.
- C. Maintenance per manufacturer's finish maintenance instructions.

### 3.3 PROTECTION

- A. Protection of aluminum column covers from damage by other trades after installation to be provided by general contractor.

### 3.4 GENERAL RESPONSIBILITY

- A. Variation from specification: Any variation from this specification resulting in additional cost to any other contractor or subcontractor on this project shall be the sole responsibility of the contractor for the work of this section.