

**ARCHITECTURAL METAL COLUMN COVERS**

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**PART 1 - GENERAL****1.1 SUMMARY:**

- A. Scope: Work of this section includes material, accessories and related items for the complete installation of column covers.

**1.2 SUBMITTALS**

- A. Submittal Drawings: Submit complete shop drawings indicating quantities, finishes, dimensions, and attachment relationships.
- B. Product Data: Submit manufacturer's product data, specifications and installation instructions.
- C. Samples: Submit color and finish samples to determine range of texture and consistency of color and finish to be expected in the finished work. Standard sample size shall be 3" x 3".

**1.3 QUALITY ASSURANCE**

- A. Manufacturer shall have a minimum of 5 years experience in manufacturing and shall have successfully completed at least twenty projects within the past five years in architectural metals.
- B. Fabricator must own and operate its own manufacturing facilities for all metal components.

**1.4 DELIVERY, STORAGE AND HANDLING**

- A. Deliver components in clearly marked containers and packages suitable for shipment of specified products as to prevent finish damage in transit. Provide protective wrapping or film to provide protection.
- B. Storage components in locations that will avoid damage from job-site traffic, moisture, stacking or other job-site contamination.
- C. Handle components to avoid racking, twisting, denting or scratching of finished surfaces.

**1.5 WARRANTY**

- A. Provide manufacturer's warranty against defects in material and workmanship for a period on one year beginning on Date of Substantial Completion.
- B. Fluoropolymer finish warranty: (Note: Warranty must be requested at time of quotation) Warrant fluoropolymer coating to remain free, under normal atmospheric conditions, from peeling, checking, cracking, chalking in excess of numerical rating of 8 when measured in accord with ASTM D4214, of fading in excess of 5 N.B.S. Units during warranty period. Warranty period shall be 10 years, beginning at date of Substantial Completion.

**PART 2 - PRODUCTS****2.1 MANUFACTURER**

- A. Basis-of-Design Product: Subject to compliance with requirements, provide column covers manufactured by Fry Reglet Corporation or a comparable product by another manufacturer.

**2.2 PRODUCTS**

- A. Series R - Vertical Reveal
  - 1. Aluminum sheet and plate: Type 5005-H34 (anodized) or 3003-H14, 5052-H32 alloy complying with ASTM B209.

**2.3 MANUFACTURED UNITS**

- A. Round
  - 1. Diameter: As indicated on drawings.
  - 2. Vertical Joint Type: Vertical Reveal

3. Horizontal Joint Type:
  - a. Ceiling Joint: Adjustable inset reveal
  - b. Intermediate Joint: Inset reveal joint
  - c. Floor Joint: Fixed inset base reveal.

## **2.4 FABRICATION**

- A. Form column covers to specified dimensions and diameters as indicated on architectural drawings.
  1. Provide column covers in Detachable sections in a maximum 12'0" tall per section. Provide additional sections to achieve finished heights above 12'0".
  2. Columns shall have no exposed fasteners unless specified.
  3. Fabricate ceiling ring to match column covers.
  4. Apply manufacture's recommended sound-deadening insulation to backs of column covers.

## **2.5 FINISHES**

- A. General: Comply with NAAMM's "metal Finishes Manual for Architectural and Metal Products" for recommendations relative to applying and designating finishes.
- B. Factory applied Powder Coat Finishes
  1. All column covers shall be chemically cleaned prior to receiving powder coat finish.
  2. All exposed surfaces shall be coated. Finish to be cured and oven baked to ensure paint adhesion and uniform surface hardness.
  3. Color to be selected from manufacturer's: Standard color selection.

# **PART 3 - EXECUTION**

## **3.1 EXAMINATION**

- A. Examine job-site for conditions that may adversely affect installation of column covers.
- B. Verify dimensions of column covers prior to installation to ensure compatibility with job-site conditions.
- C. Verify post structure is plumb, level, and parallel prior to installation of column covers.
- D. Visually examine finished surfaces to ensure that blemished or dented surfaces are not present prior to installation.

## **3.2 PREPARATION**

- A. Verify / Coordinate with other trades prior to installation where they may affect the column cover installation.

## **3.3 INSTALLATION**

- A. Install components in accord with manufacturer's installation instructions and approved submittal drawings.
- B. Anchor components to related structures such as floors, walls and beams as indicated on approved submittals drawings. Use anchors with holding strength to provide a solid installation. Use only plated, galvanized or stainless steel anchors.
- C. Installer to provide additional bracing components as necessary to stiffen substructure and ensure solid mid-span bracings and connections.

## **3.4 CLEANING**

- A. Remove protective coverings and clean column covers to remove adhesives and tape residue. Test all solvents on non-exposed surfaces prior to use.

1. For painted surfaces, use a mild detergent solution on a soft cloth.
2. For Stainless Steel, use a glass cleaner and a soft cloth.
3. For other surfaces, contact manufacturer for proper cleaning procedures.
4. Protect column covers from damage during remainder of construction period

END OF SECTION