SECTION 05 58 13

COLUMN COVERS

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\*\* NOTE TO SPECIFIER \*\* SAF; roof specialties of gutter, cornices, copings, and gravel stops.  
This section is based on the products of SAF, which is located at:  
14100 Veterans Memorial Hwy.  
Villa Rica, GA 30180  
Toll Free Tel: 800-241-7429  
Fax: 770-942-4173  
Email: [request info (cmf@saf.com)](https://admin.arcat.com/users.pl?action=UserEmail&company=SAF&coid=42387&rep=&fax=770-942-4173&message=RE:%20Spec%20Question%20(05580saf):%20%20&mf=)  
Web: <https://www.saf.com/perimeter-systems/>   
 [ [Click Here](https://www.arcat.com/arcatcos/cos42/arc42387.html) ] for additional information.  
Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc., designs and supplies a unique product line with their Designer Series Gutter and Cornice Systems for the commercial construction markets. They also provide architectural copings and versatile gravel stop fascias with their Press-Loc Series product line. Since 1946, Southern Aluminum Finishing has been in the aluminum finishing and fabrication business. Today, with facilities in Georgia, North Carolina and Tennessee, the company offers a broad range of products and services to customers in all aspects of the construction business.

1. GENERAL
   1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Colum Covers:
       1. Aluminum composite. (C-1000) (C-2000)
       2. Metal composite. (M-1000) (M-2000)
  1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 05 10 00 - Structural Metal Framing.
    2. Section 08 83 13 - Mirrored Glass Glazing.
  1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. American Architectural Manufacturers Association (AAMA):
       1. AAMA 605.2 - Specification for High Performance Finishes.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data:
        1. Manufacturer's data sheets on each product to be used.
        2. Preparation instructions and recommendations.
        3. Storage and handling requirements and recommendations.
        4. Typical installation methods.

\*\* NOTE TO SPECIFIER \*\* Delete if not applicable to product type.

* + 1. Verification Samples: Two representative units of each type, size, pattern, and color.
       1. Include a 12 x 12 inch (305 x 305 mm) piece of each type of metal and finish specified.
       2. Include samples of all support materials used.
    2. Shop Drawings: Include details of materials, construction, and finish. Include relationship with adjacent construction.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
        1. Manufacturer must use an attachment system that has successfully completed at least ten (10) projects within the past twenty-five (25) years, utilizing systems, materials and techniques as herein specified.
     2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
     3. Source Limitations: Provide each product from a single manufacturing source to ensure uniformity.

\*\* NOTE TO SPECIFIER \*\* Include mock-up if the project size or quality warrant the expense. The following is one example of how a mock-up on might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
       1. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
       2. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
       3. Retain mock-up during construction as a standard for comparison with completed work.
       4. Do not alter or remove mock-up until work is completed or removal is authorized.
  1. PRE-INSTALLATION CONFERENCE
     1. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.
  2. DELIVERY, STORAGE, AND HANDLING
     1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
     2. Protect from damage due to weather, direct sunlight, excessive temperature, moisture, surface contamination, construction operations, and other causes.
        1. To prevent adhesive transfer to finish, exterior aluminum composite column covers must not be stored for prolonged periods of time, be stored in direct sunlight, or be subjected to high heat, prior to installation.
  3. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
  4. WARRANTY
     1. Manufacturer's standard limited warranty unless indicated otherwise.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: SAF, which is located at: 14100 Veterans Memorial Hwy.; Villa Rica, GA 30180; Toll Free Tel: 800-241-7429; Fax: 770-942-4173; Email: [request info (cmf@saf.com)](https://admin.arcat.com/users.pl?action=UserEmail&company=SAF&coid=42387&rep=&fax=770-942-4173&message=RE:%20Spec%20Question%20(05580saf):%20%20&mf=); Web: <https://www.saf.com/perimeter-systems/>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
       1. 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.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete basis of design not required.

* 1. ALUMINUM COMPOSITE COLUMN COVER SYSTEMS
     1. Basis of Design: Series C-1000 Hook-On as manufactured by SAF Metal Fabrications.
        1. No exposed fasteners for column covers will be accepted.
        2. Materials:

\*\* NOTE TO SPECIFIER \*\* Delete aluminum sheet and thickness options not required.

* + - * 1. Aluminum Sheet: ALPOLIC or REYNOBOND Standard Core.

Material Thickness: 0.118 inches (3 mm) Standard Core.

Material Thickness: 0.157 inches (4 mm) Standard Core.

Material Thickness: 0.236 inches (6 mm) Standard Core.

* + - * 1. Aluminum Sheet: ALPOLIC or REYNOBOND Fire Rated.

Material Thickness: 0.157 inches (4 mm) Fire-Rated Core.

* + - 1. Fabrication:
         1. Height of Column Covers: Up to 12 ft (3658 mm) without horizontal joints.
         2. Vertical Joint: Butt (soft "V").

\*\* NOTE TO SPECIFIER \*\* Delete recessed horizontal reveals options not required.

* + - * 1. Recessed Horizontal Reveals: None.
        2. Recessed Horizontal Reveals: At the top.
        3. Recessed Horizontal Reveals: At the bottom.
        4. Recessed Horizontal Reveals: At the top and bottom.
      1. Finish: Factory baked-on PVDF. Applied per AAMA standards and shall be free of scratches and blemishes.
         1. Color: To be selected from standard colors by the Architect.
    1. Basis of Design: Series C-2000 with Reveals as manufactured by SAF Metal Fabrications.
       1. No exposed fasteners for column covers will be accepted.
       2. Materials:

\*\* NOTE TO SPECIFIER \*\* Delete aluminum sheet and thickness options not required.

* + - * 1. Aluminum Sheet: ALPOLIC or REYNOBOND Standard Core.

Material Thickness: 0.118 inches (3 mm) Standard Core.

Material Thickness: 0.157 inches (4 mm) Standard Core.

Material Thickness: 0.236 inches (6 mm) Standard Core.

* + - * 1. Aluminum Sheet: ALPOLIC or REYNOBOND Fire Rated.

Material Thickness: 0.157 inches (4 mm) Fire-Rated Core.

* + - 1. Fabrication:
         1. Height of Column Covers: Up to 12 ft (3658 mm) without horizontal joints.

\*\* NOTE TO SPECIFIER \*\* Delete vertical joints and recessed horizontal reveals options not required.

* + - * 1. Vertical Joint: Butt (soft "V").
        2. Vertical Joint: Vertical Reveal.
        3. Recessed Horizontal Reveals: None.
        4. Recessed Horizontal Reveals: At the top.
        5. Recessed Horizontal Reveals: At the bottom.
        6. Recessed Horizontal Reveals: At the top and bottom.
      1. Finish: Factory baked-on PVDF. Applied per AAMA standards and shall be free of scratches and blemishes.
         1. Color: To be selected from standard colors by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete basis of design not required.

* 1. DECORATIVE METALS COLUMN COVER SYSTEMS
     1. Basis of Design: Xpress Ship Series M-1000 Hook-On as manufactured by SAF Metal Fabrications.
        1. No exposed fasteners for column covers will be accepted.
        2. Materials: Finish: Per AAMA standards and free of scratches and blemishes.

\*\* NOTE TO SPECIFIER \*\* Delete material options not required.

* + - * 1. Aluminum Sheet: 3003 or 5005 alloy with a thickness of up to 0.125 inches (3.17 mm)

Finish: Anodized.

Color: To be selected from standard colors by the Architect.

* + - * 1. Stainless Steel: Type 304. Thickness: 16 ga.

Finish: Factory baked-on PVDF.

Color: To be selected from standard colors by the Architect.

* + - 1. Fabrication:
         1. Height of Column Covers: Up to 12 ft (3658 mm) without horizontal joints.

\*\* NOTE TO SPECIFIER \*\* Delete vertical joints and recessed horizontal reveals options not required.

* + - * 1. Vertical Joint: Butt (soft "V").
        2. Vertical Joint: Vertical Reveal.
        3. Recessed Horizontal Reveals: None.
        4. Recessed Horizontal Reveals: At the top.
        5. Recessed Horizontal Reveals: At the bottom.
        6. Recessed Horizontal Reveals: At the top and bottom.
        7. Column Covers will not have horizontal butt joints if post-painted materials are used.
    1. Basis of Design: Series M-2000 with Reveals as manufactured by SAF Metal Fabrications.
       1. No exposed fasteners for column covers will be accepted.
       2. Materials: Finish: Per AAMA standards and free of scratches and blemishes.

\*\* NOTE TO SPECIFIER \*\* Delete material options not required.

* + - * 1. Aluminum Sheet: 3003 or 5005 alloy with a thickness of up to 0.125 inches (3.17 mm)

Finish: Anodized.

Color: To be selected from standard colors by the Architect.

* + - * 1. Stainless Steel: Type 304. Thickness: 16 ga.

Finish: Factory baked-on PVDF.

Color: To be selected from standard colors by the Architect.

* + - 1. Fabrication:
         1. Height of Column Covers: Up to 12 ft (3658 mm) without horizontal joints.
         2. Vertical Joint: Butt (soft "V").

\*\* NOTE TO SPECIFIER \*\* Delete recessed horizontal reveals options not required.

* + - * 1. Recessed Horizontal Reveals: None.
        2. Recessed Horizontal Reveals: At the top.
        3. Recessed Horizontal Reveals: At the bottom.
        4. Recessed Horizontal Reveals: At the top and bottom.
        5. Column Covers will not have horizontal butt joints if post-painted materials are used.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly constructed and prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
      3. Inspect column covers before installation to be free of dents, scratches, and other defects prior to installation.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions, approved submittals, shop drawing, and in proper relationship with adjacent construction.
         1. Erect column covers plumb, level, square, true to line, securely anchored and in proper alignment and relationship to work of other trades.
   4. CLEANING AND PROTECTION
      1. Removal of protective covering shall occur immediately after installation to prevent adhesive transfer.
      2. Clean all surfaces following installation.
      3. Protection from damage by other trades after installation to be provided by the General Contractor. Clean products in accordance with the manufacturers recommendations.
      4. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION