



Lightweight Fiberglass Columns and Column Covers

SECTION 06 61 00

RoyaLite™ Fiberglass Columns & Column Covers

Architectural
Specifications

1.1 General

1.2 Description:

- A. Columns shall be Royal Corinthian RoyaLite fiberglass column covers.
- B. Column Style (Select One): Round Tapered, Round Non-Tapered, Square Tapered, Square Non-Tapered, Round Non-Tapered Rope, Barrel, Greek Doric, or Custom.
- C. Column Style continued (Select One): Plain, Fluted or Recessed Panel.
- D. Select Cap Style: Tuscan, Round Tuscan, Doric, Round Doric, Roman Corinthian, Roman Ionic, Temple of the Winds, Scamozzi, Craftsman, or Other (Depending on shaft not all styles are available).
- E. Select Base Style: Tuscan, Round Tuscan, Doric, Round Doric, Attic, Round Attic, Craftsman, or other. (Depending on shaft not all styles are available).
- F. Column Bottom Shaft Diameter or Width: As drawn.
- G. Column Overall Height: As drawn.
- H. Columns shaft shall come with integrated lap joint for ease of installation.
- I. Caps/Bases shall come as (Select one): 2 halves with integrated lap joints or as wholes.
- J. Select Resin: General purpose or ASTM E 84-01 Class A rated.

1.3 Submittals

- A. Submit Royal Corinthian literature and shop drawings if required.
- B. Submit sample if required (specific sized samples may not be available).
- C. Submit sample for color match if custom color is required.
 - 1. Standard color is marine grade white gel coat which is considered paint-grade.
 - 2. Many standard colors are available in addition to the standard white.
 - 3. Custom colors require a sample to be submitted for color matching.
 - 4. Standard texture is smooth but custom textures are available.

1.4 Warranty

- A. The column covers shall be guaranteed in writing against defects of materials or workmanship for a period of 25 years to the original owner.
- B. Columns must be installed following Royal Corinthian guidelines.

1.5 Verification of Design

- A. The components incorporated into the drawings show dimensions and styles chosen to accomplish the Architect's intended aesthetic result and to conform to the building's configuration in both form and function. The contractor shall verify that all components to be provided by Royal Corinthian for the work of this section will fit the building's structural elements and meet the visual design criteria on the drawings without materially altering profiles and alignments.
- B. Any additional support or backing components shall be provided by the installation contractor as part of the work of this section.

2.1 Products

2.2 Acceptable Manufacturer

- A. Royal Corinthian
603 Fenton Lane
West Chicago, IL 60185
T. 888-265-8661 F. 888-344-2937
royalcor@royalcorinthian.com
www.royalcorinthian.com
- B. Substitutions: Not permitted.

2.3 Fiberglass, Resin, and Gel Coat Materials

- A. Fiberglass chop strand or mat shall be equal to the products of PPG-Owens Corning.
- B. Polyester resins shall be General Purpose or Class A. The Class A resin will be flame retardant polyester resin. This resin is formulated for use in applications that require an ASTM E 84-01 Class 1 flame spread and smoke suppression rating, without the use of fillers.
- C. Gel coat shall be high performance Marine Grade with ultra-violet inhibitors.
- D. Column thickness shall be a minimum of 3/16".
- D. Gel coat thickness shall be 0.015" minimum to 0.025" maximum.
- E. Allowable Tolerances
 - 1. Dimensional Tolerances of Finished Units
 - a. Dimensions 12' or under: +/- 1/4".
- F. Column diameters and widths are nominal

3.1 Execution

3.2 Delivery

- A. Deliver materials in original packages, containers, or bundles bearing brand name & identification of manufacturer or supplier. Customer to unload and store materials onsite under cover and in manner to keep them dry, protected from weather, direct sunlight, surface contamination, corrosion, and damage from construction traffic and other causes.
- B. Handle materials and products to prevent damages to edges, ends, or surfaces

3.3 Installation

- A. Follow manufacturers detailed installation guidelines. They are available online or by request.
- B. Recommend Caulk for all joints is a high end construction adhesive that is paintable.
- C. Paint-grade columns are recommended to be sanded at seam once finished, primed, and painted.