

PART 1: GENERAL**1.1 SECTION INCLUDES**

- A. Architectural wood columns.
- B. Poly-Classic fiberglass reinforced polymer (FRP) columns.
- C. Poly-Classic Craftsman Series expanded cellular PVC columns.
- D. Colonial wood columns.
- E. Fiberglass reinforced polymer (FRP) porch posts, related components and accessories.
- F. Wood porch posts, related components and accessories.

1.2 SUBMITTALS

- A. Submit literature and shop drawings for customer approval.
- B. Manufacturer's data sheets on each product to be used, including:
 1. Preparation instructions and recommendations.
 2. Storage and handling requirements and recommendations.
 3. Installation methods.
- C. Submit samples of materials.

1.3 DELIVERY, STORAGE, AND HANDLING

- A. Columns shall be stored in the manufacturer's crates until ready for use. If necessary to remove from crates, store in crated position with duplicate supports as originally crated.
- B. Capitals and bases shall be stored in the manufacturer's packaging until ready for use.

1.4 PROJECT CONDITIONS

- A. 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 limits.

1.5 WARRANTY

- A. Contact Manufacturer for warranty information regarding product specified.

PART 2: PRODUCTS**2.1 MANUFACTURERS**

- A. Acceptable Manufacturer: DUMW7c] a bğ -bW
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- B. Substitutions: Not permitted.

2.2 COLUMNS

- A. Column Style: _____ Tapered or Non-Tapered; Smooth, Fluted or Paneled; Round or Square
- B. Column Shaft Flute Style: _____ Ionic; Greek Doric; Roman Doric; Colonial; Custom
- C. Column Material: _____ Western Pine; Redwood; Fibracraft; Poly-Classic (FRP); Craftsman PVC; other (specify)
- D. Base Style: _____ Tuscan; Roman Doric; Attic; Colonial; Craftsman; Custom
- E. Cap Style: _____ Tuscan; Roman Doric; Greek Doric; Colonial; Custom OR
- F. Ornamental Capital Style: _____ Empire; Greek Angular Ionic; Greek Erectheum; Roman Corinthian; Roman Doric Ornamental; Roman Ionic; Scamozzi; Temple of Winds
- G. Column Plan Type: _____
"A": Full round.
"B": 3/4 round.
"C": 3/4 round pilaster.
"D": 1/2 round pilaster.
"E": Square.
"F": 1/2 square pilaster.
"G": Corner square.
"H": Corner Square engaged.
"K": Back square engaged.
"L": Corner applique.
"Q": 1/4 round.
"W": Back round engaged.

- H. Column Bottom Shaft Diameter or Width: _____ (specify)
- I. Column Top Shaft Diameter or Width: _____ (specify)
- J. Column Overall Height: _____ (specify)
- K. Column Splitting: _____ For pilaster; For Reassembly
- L. Factory Priming of Shaft Exterior: _____ Required; Not required
- M. Factory Asphaltting of Shaft Interior: _____ Required; Not Required

2.3 PORCH POST

- A. Wood Porch Post Style: _____ Colonial; Frontier; New Orleans; Chamfered; Square
- B. Post Width: _____ (specify)
- C. Post Height: _____ (specify)

2.4 ACCESSORIES

- I. Knee Brackets: _____ KB14; KB18
- J. Corbels: _____ 3501 Pattern "A"; 3503 Pattern "C"

2.5 MATERIALS

- A. FRP: Centrifugal-cast, fiberglass-reinforced polymer.
 1. Columns shall comply with ASTM E 84.
 - a. Flame spread index: 15.
 - b. Smoke developing index: 335.
 - B. PVC: Expanded cellular PVC.
 - C. Wood: Turned from finger jointed, kiln-dried wood or solid stave kiln-dried wood.

2.5 FABRICATION

- A. FRP Fabrications:
 1. Tuscan capitals. injection-molded, high-impact styrene or high-density polyurethane.
 2. Ornamental capitals. fiberglass or composite materials, shaped into the appropriate proportions for the various styles of architecture and sizes of column shafts.
 3. Tuscan bases. injection-molded, high-impact styrene or fiberglass-reinforced polymer.
 4. Attic bases. fiberglass-reinforced polymer.
- B. PVC Fabrications:
 1. Column panels, expanded cellular PVC with E-Z Lock joints for mitered edges.
 2. Cap and base parts, expanded cellular PVC.
- C. Wood Fabrication:
 1. Columns milled of finger-jointed or solid staves to exacting dimensions. Staves assembled into a raw shaft using strong Type-I waterproof glue. Torque bands wrapped around the shaft applying 90 to 100 pounds of pressure per square inch, transforming the individual staves into a single unit, ready for precision turning.
 2. Colonial Paint-grade wood shafts, caps and bases shall be fully immersed in Woodtreat MB water-repellent to provide maximum protection against staining and decaying fungi.
 3. Capitals and bases: High-density polyurethane, fiberglass, or wood to match shaft material.

2.6 FINISH

- A. Materials are shipped unfinished. Manufacturer recommends finishing with acrylic latex primer and finish.

PART 3: EXECUTION**3.1 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.

END OF SECTION

*ARCAT interactive specifying documents can be created online. Links to this service are available at www.Turncraft.com. Please contact Turncraft for more information.