

RusticStone™
Synthetic Stone Column
Architectural Guide Specification

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. RusticStone™ prefinished fiberglass-reinforced polymer/marble dust composite columns with integral color.

1.2 RELATED SECTIONS

- A. Section 06 60 00.

1.3 REFERENCES

- A. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: 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. Verification Samples: For each finish product specified, two samples, minimum size 3 inches (150 mm) square, and representing actual product, color, and patterns.

1.5 QUALITY ASSURANCE

- A. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

- B. 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.
- C. Capitals and bases shall be stored in the manufacturer's packaging until ready for use.

1.7 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.

1.8 WARRANTY

- A. RusticStone™ Columns and Components: Manufacturer shall warrant that RusticStone™ column shafts, capitals, and bases shall be free of manufacturing defects in material and workmanship for as long as the original purchaser owns the structure to which they are attached. Manufacturer shall warrant that RusticStone™ column shafts, capitals and bases shall be waterproof and impervious to insects.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Melton Classics, Inc.; P. O. Box 465020, Lawrenceville, GA 30042. Phone: (800) 963-3060. Fax: (770) 962-6988. Email: sales@meltonclassics.com. Web: www.meltonclassics.com.
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 COLUMNS

- A. RusticStone™ prefinished fiberglass-reinforced polymer/marble dust composite columns with integral color.
- B.
 1. Column Style: Unfluted tapered round.
 2. Column Style: Fluted tapered round.
 3. Column Style: Unfluted non-tapered round.
 4. Column Style: Plain non-tapered square.
 5. Column Style: Paneled non-tapered square.
 6. Column Style: Fluted non-tapered square.
 7. Base: One-piece molded base consistent with the Tuscan Order of classical architecture.
 8. Base: One-piece molded Attic Base consistent with classical architecture.
 9. Capitals/Ornamentals Type: Tuscan.
 10. Column Plan Type: A – Full round.
 11. Column Plan Type: B – 3/4 round.
 12. Column Plan Type: C – 3/4 round pilaster.
 13. Column Plan Type: D – 1/2 round pilaster.
 14. Column Plan Type: E – Square.
 15. Column Plan Type: F – 1/2 Square pilaster.

16. Column Plan Type: G – Corner square.
17. Column Plan Type: H – Corner square engaged.
18. Column Plan Type: K – Back square engaged.
19. Column Plan Type: L – Corner appliqué.
20. Column Plan Type: Q – 1/4 round.
21. Column Plan Type: W – Back round engaged.
22. Column Bottom Shaft Diameter or Width: Refer to Drawings.
23. Column Top Shaft Diameter or Width: Refer to Drawings.
24. Column Overall Height: Refer to Drawings.
25. Column Splitting: For pilaster.
26. Column Splitting: For reassembly.
27. Appearance: Alabaster White color.
28. Appearance: Fieldstone Tan color.
29. Appearance: Limestone Gray color.
30. Accessories: Uplift loads resistance achieved with a concealed connection using Simpson's Epoxy-Tie anchoring system or similar product.

2.3 MATERIALS

- A. FRP: Centrifugal-cast, fiberglass-reinforced polymer composite with integral coloration.
 1. Columns shall comply with ASTM E 84.
 - a. Flame Spread: 15.
 - b. Smoke Developed: 335.

2.4 FABRICATION

- A. FRP Fabrications:
 1. Column Shafts: prefinished fiberglass-reinforced polymer/marble dust composite with integral color.
 2. Tuscan capitals: prefinished fiberglass-reinforced polymer/marble dust composite with integral color.
 3. Tuscan bases: non-load bearing prefinished fiberglass-reinforced polymer/marble dust composite with integral color. 18" diameter and larger bases will be split at the factory and cannot be ordered whole.

2.5 FINISH

- A. Materials: Materials do not require finishing.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

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

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION