MarbleTex™

Polyester Resin/Marble Composite Column

Architectural Specifications

1.0 General

1.1 Description:

A. Columns shall be Melton Classics **MarbleTex™** Column according to their Design No._____ (200MT - Tuscan or 210ND - Neo-Doric).

B. Column shafts shall be manufactured from a fiber reinforced polyester resin and marble composite with integral color.

C. Column capitals, bases & plinths shall be manufactured from fiber reinforced polyester resin and marble composite.

D. Capitals and base/plinths shall be the manufacturers standard for the size and design indicated.

E. All column components shall have _____(Textured or Smooth) finish.

F. All column components shall have _____(Classic White, Limestone Gray or Custom) integral color, or paint grade finish.

1.2 Submittals

A. Submit Melton Classics literature to show column requirements.

B. For custom color, the manufacturer shall supply color sample to match supplied color example.

1.3 Warranty

A. Manufacturer shall furnish a written limited warranty against defects in materials or workmanship for the period of one year of the original owner.

1.4 Verification of Design

A. The contractor shall verify that all components that will actually be provided for the work of this section will fit the building's structural elements and conform to the visual design criteria indicated on drawings.

B. Any additional support or backing components shall be provided by the installing contractor as part of the work of this section.

2.0 Products

2.1 Acceptable Manufacturer

A. Melton Classics Incorporated
P.O. Box 465020
Lawrenceville, GA 30042-5020
770-963-3060 * 1-800-963-3060 * Fax 770-962-6988

2.2 Fiberglass and Resin Materials

A. Final ratio of materials shall be 5% fiber 95% resin composite for the body of components.

B. Shaft thickness shall be 3/8" to 1" depending on diameter.

3.0 Material Properties

3.1 Physical Properties

A. Compressive modulus of elasticity 397,760 psi - 392,238 psi

B. Ultimate compressive strength 12,338 psi - 13,872 psi

4.0 Execution

4.1 Installation and Storage

A. Follow manufacturers detailed installation guidelines.

B. Protect column finish during storage and installation.