

SECTION 04 7316

LIGHTWEIGHT MANUFACTURED STONE

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by one of the following methods:

Microsoft Word 2010: Display the FILE tab on the ribbon, click OPTIONS, then on left menu click on DISPLAY. Under ALWAYS SHOW THESE select or deselect HIDDEN TEXT.

Microsoft Word 2007: Click the OFFICE button, select WORD OPTIONS, select DISPLAY, then select or deselect the HIDDEN TEXT option.

Corel WordPerfect: From the pull-down menus select VIEW, then select or deselect the HIDDEN TEXT option.

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Lightweight manufactured stone [columns] [fireplace surrounds] [vent hoods] [arches] [trim] [and] [_____].
- B. Related Sections:
 - 1. Division 01: Administrative, procedural, and temporary work requirements.

1.2 SUBMITTALS

- A. Submittals for Review:
 - 1. Shop Drawings: Indicate locations, sizes, profiles, finishes, and attachments.
 - 2. Product Data: Include product description and performance characteristics.
 - 3. Samples:
 - a. 3 x 3 inch samples showing available colors.
 - b. [After color selection submit] 3 x 6 inch samples showing surface texture and [selected] [specified] color.
- B. Sustainable Design Submittals:
 - 1. Regional Materials: Indicate cost of products harvested, extracted, recovered, or manufactured within 500 mile radius of Project site.

1.3 QUALITY ASSURANCE

- A. Mockups:
 - 1. Size: [One typical column.] [Each trim profile, minimum 4 feet long.] [_____].
 - 2. Show profile, surface finish, color, and attachment.
 - 3. Locate [where directed.] [_____].
 - 4. [Approved mockups may [not] remain as part of the Work.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Store units to protect from staining and damage.
- B. Store units on firm, level, and smooth surfaces; do not place on ground.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products by AHI Supply, P.O. Box 2789, Alvin, Texas 77512, 800-873-5794, marketing@ahi-supply.com, www.ahi-supply.com.
- B. Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2 MATERIALS

- A. Lightweight Manufactured Stone:
 - 1. Source: MyriadStone.
 - 2. Description: Cast limestone coating over 1.0 PCF density fire-retardant expanded polystyrene foam core.
 - 3. Color: [____.] [To be selected from manufacturer's full color range.]
 - 4. Finish: [Roman.] [Tuscan.]

2.3 ACCESSORIES

- A. Adhesive: Type recommended by stone manufacturer; compatible with substrate materials.
- B. Anchors: Type recommended by stone manufacturer.

PART 3 EXECUTION

3.1 PREPARATION

- A. Clean surfaces to receive lightweight manufactured stone; remove loose and foreign matter that could interfere with adhesion.

3.2 INSTALLATION

- A. Install stones in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Set stones plumb, level, and rigid.
- C. Adhere or fasten to supporting construction.
- D. Installation Tolerances; Maximum variation from:
 - 1. Alignment face to face of adjacent units: Plus or minus [1/8] [____] inch.
 - 2. Plumb: Plus or minus [1/4] [____] inch in 10 feet noncumulative.
 - 3. Level: Plus or minus [1/4] [____] inch in 10 feet.

END OF SECTION