

Section 09220 – Special Cement Plaster ArcusStone Finishes (Interior-Exterior Applications)

1.01 Requirements Included

- A. The requirements of Division 0 – Bidding Requirements, Special Conditions, Contract Forms and Supplementary General Conditions and Division I – General Requirements apply to all work in this Section

1.02 Work Included

- A. Contractor shall provide all labor, material, equipment, and services required to complete all special cement plaster finishes as shown on the drawings and specified herein. Finishes include ArcusStone as manufactured by ARCUSSTONE PRODUCTS, INC.

1.03 Work By Others

- A. Preparation of surfaces, including construction of substrates and provision of flashing and waterproofing, and protection of surfaces during the curing period are the responsibility of other trades. Refer to Paragraph 3.01 of this section for requirements.
- B. Except as otherwise agreed between ArcusStone Applicator and General Contractor, secure on-site storage and others shall provide any required scaffolding.

1.04 References, Codes and Standards

- A. All work shall conform to building codes and other regulations governing work at the site.
- B. All work shall conform with requirements and recommendations of Manufacturer's current technical manual and installation procedures.

1.05 Qualifications

- A. Contractor shall be an ARCUSSTONE trained and Certified Applicator.
- B. Contractor shall provide "proof" to demonstrate that he has completed at least three ArcusStone projects of similar, equally complex work within previous two years. Shall also hold current state and local licenses.

1.06 Submittals

- A. Contractor shall provide for Architect's review duplicate samples of each different finish, color, and texture specified, minimum size 12"x12", labeled on reverse side with manufacturer's name, finish name, color and texture names, and job name.
- B. Contractor shall submit for review shop drawings of any custom installation designs, custom coursing patterns and construction details.

1.07 Product Handling, Environmental Conditions and Storage

- A. Contractor shall provide delivery of material to the site.
- B. At all times during delivery and storage, materials shall be kept dry and temperature shall be maintained between 40 and 80 degrees.

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1.08 Protection

- A. Installer shall provide, install and maintain all protection required to preserve the work of other trades free from damage due to his operations, and shall be responsible for cleaning, repairing, or replacing any item damaged by his operations.
- B. Other trades working at the site are similarly responsible for protecting the work of this section, and shall bear the cost of cleaning, repairing or replacing work on this section damaged by their operations.

1.09 Cleanup

- A. Subsequent to completion of installation, Installer shall remove masking, take up drop cloths and poly sheathing, and remove waste material. Debris shall be removed from the site and disposed of in a proper fashion.

2.01 Materials

- 1. [ArcusStone Coat] [And] [ArcusStone Plaster] finish materials, including basic finish, accent coloring, grouting, accessory products, and sealers shall be as manufactured or recommended by ARCUSSTONE PRODUCTS, INC.
- 2. Basic finish shall be a polymer-modified cement plaster with integral color composed of Portland cement, natural minerals, special additives and proprietary ingredients. It shall be non-combustible, with a minimum compressive strength of 4650 PSI at 3/8” thickness after 28 days.
- 3. ArcusStone Coat and ArcusStone Plaster materials, (cementitious), must be used in their pure form without any additional additives, other than color pigments, unless approved by the manufacturer.
- 4. ArcusStone Coat color and texture shall be selected from Standard ArcusStone color chart. Color-Texture and Coursing patterns shall be indicated on prints.
- 5. ArcusStone Coat Finish (3/8” Thickness) Textures:
 - a. Chateau Polished
 - b. Chateau Stone
 - c. Dune
 - d. Tuscan
 - e. Sandstone
 - f. WeatheredArcusStone Plaster Finish (3/16” Thickness) Textures
 - a. Sanded
 - b. Dune
 - c. Tuscan
 - d. Skip Trowel
- 1. ArcusStone Plaster color and texture shall be _____ and _____, respectively. Patterns shall be _____ as indicated on prints. Present 8.5”x11” Color/Texture samples for final approval by architect/owner.
- 2. Grouts used in [ArcusStone] finish [es] shall be Weatherall 1010 Chinking® grout with integral color _____, or approved equal. Refer to CS205 Installation and Maintenance Guide.

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Sealers with water repelling properties used over ArcusStone Finishes should be used in cold climates. Refer to CS205 Installation and Maintenance Guide.

2.02 Mixes

- A. Installer shall use only materials delivered to site in unopened Manufacturer's containers and mixed in appropriate proportions and conditions in accordance with Manufacturer's instructions.
- B. Materials should not be amended in any way with foreign aggregate, cements, acrylics, water or the like, excluding Manufacturer's color pigment packets.
- C. Both hand drill mixers and power mixers may be used. Tumble drum mixers or horizontal paddle mixers are recommended; however, vertical paddle mixers are acceptable.

2.03 Application

- A. All finishes to be applied over approved primer or bonding agent as specified for particular substrates.
- B. Finish thickness variations are acceptable but should not be less than 1/2" minimum thickness.
- C. Certified ArcusStone Applicators must apply all applications of ArcusStone as specified in paragraph 1.05B.
- D. ArcusStone products should be obtained from certified distributor: Circle Supply of Atlanta, 4212 NE Expressway, Atlanta, GA 30340, Phone: (800) 226-0691, Fax: (770) 458-6090, email: sales@circlega.com, website: www.circlega.com.

3.01 Protection

- A. Contractor shall protect finished surfaces from water and abrasion for a minimum of 48 hours after application.

END OF SECTION