



Product Data Sheet

9-1-18

Product Description

A dry mix of crushed marble, white Portland cement, hydrated lime, and polymers, combined with special additives for workability. Mix can be integrally colored using powdered mineral oxide pigments. It is suitable for interior, exterior, vertical and horizontal applications, wet locations such as shower surrounds and water features such as fountains. Product is available in standard colors and can be custom colored to match virtually any color.

Uses

- As a decorative coating that replicates the look of quarried marble or other stone finishes
- Coating EPS foam shapes and panels
- Creating cast elements using EPS, rubber, or other molds
- For poured in place or cast countertops

Packaging

50 lb. bag

Coverage

One 50 lb. bag will cover 20 to 40 sq. ft. @ 1/8"-1/4" thickness.

Limitations

Do not apply to unstable or unapproved substrates such as asphalt. Do not apply directly over elastomeric or acrylic EIFS type finish coats. Do not apply directly to wood, GFRC, PVC, ABS, urethane, or other plastics. Do not apply to sheet metal or other metal or steel (metal lath, grounds and reglets are acceptable for direct contact).

Technical Data

Application

Product is usually applied by trowel using a two-coat application method. It can also be sprayed and then back troweled.

Climatic and Environmental

Apply only if temperature is over 40° F (4.5° C) and rising, and less than 100° F (38° C). Do not apply to frozen or thawing substrates. Use sun shades and wind screens to protect material during initial cure. Unless work can be adequately protected from direct contact with precipitation, do not apply if precipitation is expected within 48 hours of application.

Substrate Preparation

ArcusStone Bonding Agent, or Primer, is required for most ArcusStone material applications, especially over non-porous surfaces or where adhesion is a concern. Refer to the ArcusStone Technical Manual for detailed substrate preparation requirements for the substrates listed.

Mixing

Material is typically mixed using 5 or 6-gallon plastic buckets.

- Place 5 quarts of cool potable water in a clean plastic bucket
- Add pigment to the water
- Blend in dry material gradually, using a low speed mixing drill.

Add small amounts of clean water, up to 7 quarts, to a desired consistency. Let material set for 5 to 8 minutes, and then remix for 90 seconds before using.

General Application Procedures

Two passes are recommended to achieve the desired thickness when using a trowel. Apply first to an approximate thickness of 1/16", with moderate trowel pressure, and follow up with a second pass before first coat begins to dry. After second coat has taken up, material is ready for finishing. Refer to Finishing Techniques in the Application Manual.

Clean Up

Immediately clean tools and inadvertent applications with water and scrub brush, rinsing with clean water. If allowed to dry, mechanical means may be necessary to remove material.

Maintenance and Sealing

Product must be sealed with ArcusStone Water Repellent Penetrating Sealer. Alternatively, an application of a commercial grade top coat sealer can be used for countertops, Bar-B-Q tops, bath, kitchen, garage floors, driveways, walkways, patios, and other applications where it is anticipated that there will be heavier exposure to grease and staining from other sources.

Storage

Store on pallets under cover, not exposed to weather. Do not stack more than 2 pallets high. Do not allow contact with liquids or precipitation. Store in a cool place out of direct sunlight.

Shelf Life

Rotate stock. Product has a 1-year shelf life in unopened bags from stamped date of manufacture.

Warranty

ArcusStone Products LLC warrants that at the time of product shipment it will be in conformance with current published specifications for said product.