

# Base Coat

## Product Data Sheet

9-1-18



ArcusStone

### Product Description

A dry mix of white Portland cement, sand, and various polymers specifically formulated for use on exterior horizontal surfaces. The product is also suitable for interior, exterior, vertical and overhead horizontal applications.

#### Uses

- As a bond coat over cementitious substrates
- Coating EPS foam shapes and panels

#### Packaging

50 lb. bag

#### Coverage

One 50 lb bag will cover 80-100 sq. ft. @ 1/32" to 1/16" thickness., depending upon substrate conditions and application techniques.

#### 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

1. Dampen the substrate before applying the ArcusStone Base Coat. Allow the water to completely absorb without "pooling".
2. Pour the mixed ArcusStone Base Coat onto a horizontal surface, or trowel onto a vertical surface, and then trowel or squeegee to approximately 1/16" thickness. Thoroughly work it into the pores of the substrate with a trowel or a stiff brush, leaving the surface rough.
3. Allow the ArcusStone Base Coat to take a set and become firm but not dry.
4. Apply ArcusStonecoat or ArcusPlaster, as soon as possible, over damp ArcusStone Base Coat. If the surface has begun to dry, mist to re-dampen.

#### 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

Surfaces must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds.

Thoroughly review the ArcusStone Substrate Preparation Section in the Application Manual for detailed substrate preparation requirements.

#### Mixing

1. Pour 20 cups (1-1/4 Gal.) of clean potable water into a 5-6-gallon plastic bucket.
2. Slowly add the dry ArcusStone Base Coat dry material to the water solution and mix, using a drill and mixing rod, until completely blended. Add an additional 4 cups (1 quart) of water as necessary.
3. Continue mixing for 3 to 5 minutes to insure complete disbursement of dry material.
4. Allow mix to rest for 15 minutes.
5. Mix again for a minimum of 1-2 minutes before applying; add small amounts of water if necessary.

#### 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.

#### 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. Contact ArcusStone Technical Services for further information.

#### Technical Support

For questions concerning this product or its use, contact ArcusStone Technical Services at (415) 339-4060