

# Acrylic Admixture

## Product Data Sheet



ArcusStone®

### Product Description

An aqueous solution, non-toxic, non-flammable, freeze/thaw stable liquid acrylic polymer additive for ArcusStone materials that increases bonding and flexural strengths and helps to minimize / control shrinkage cracks.

### **Uses**

As an admixture for ArcusStonecoat and ArcusPlaster that increases the bonding and flexural strength properties of these materials. It is required to be used in all horizontal ArcusStonecoat applications including driveways, walkways, stairs, pool decks, pool copings, wall caps, over concrete slabs on grade, and countertops. It is also one of two alternative admixtures required to be used for applications in wet locations, water features, and for coating / casting shapes.

### **Availability**

5 Gal. pails (18.93 L)

### **Coverage**

Not Applicable. Refer to General Application Procedures for product dosage relate to certain uses.

### **Limitations**

Do not use with air-entraining admixtures.

### Technical Data

#### **Application**

Product is blended into the ArcusStone materials in varying amounts depending on the use.

#### **Climatic and Environmental**

For optimal workability and performance, product should be used when ambient temperature is between 45°F (7°C) and 90°F (32°C).

#### **Substrate Preparation**

Surfaces to be treated must be sound, dry, and free of cracks, dirt, efflorescence, or other contaminants which may affect performance. Should product contact occur with surfaces not intended for application, remove immediately with a mild soap / water solution and rinse with clean water.

#### **General Application Procedures**

Product comes ready to use; however, it should be thoroughly stirred before each use. Do not shake or use mechanical mixers.

Horizontal Surfaces – for all horizontal applications, including driveways, walkways, stairs, countertops, pool decks, pool copings, and wall caps, use a solution of 1 part Admixture to 4 parts water when mixing the ArcusStone material. A solution of up to 1.5 Admixture to 3.5 parts water is acceptable; however, the material may become sticky and less workable.

Overuse may also affect the finished color of the material, possibly creating a cloudy or milky appearance.

Vertical Surfaces – Product may be used in either the ArcusStonecoat or ArcusPlaster materials for vertical applications, but it is not required.

Carving – ArcusStonecoat can be used as a carving mix with some modifications. The use of a minimum 50/50 ratio of Admixture to water is required when mixing the ArcusStonecoat material for use as a carving mix. A ratio of up to 70 / 30 is also acceptable. NOTE – the material must be pre-sifted to remove the larger aggregate prior to use as a carving mix.

### **Clean Up**

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

### **Precautions**

Use with adequate ventilation, wear eye protection, dust mask, protective clothing, and gloves or protective cream on hands. If product contacts eyes, flush with clean water for 5 minutes and seek medical attention if irritation persists.

### **Storage**

Store out of direct sunlight and in temperatures between 40° and 100°F (4.5 to 38°C). Store on pallets under cover, not exposed to weather. Do not stack more than 2 pallets high. Protect from freezing. If subjected to freezing, do not add additional heat to thaw. Slowly thaw at room temperature and thoroughly stir product before use.

### **Shelf Life**

Rotate stock. Product has a 1 year shelf life in unopened original pails, or 6 months in container that has been opened but properly resealed.

### **Warranty**

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

### **Technical Support**

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