

# Penetrating Water Repellent

## Product Data Sheet



ArcusStone®

### **Product Description**

A water borne, non-toxic, low odor, low VOC, non-flammable, Silane / Siloxane water repellent for vertical and horizontal ArcusStonecoat and ArcusPlaster applications. It penetrates the ArcusStone coating, chemically reacting to form a powerful barrier against water absorption, efflorescence formation, UV light fade, and freeze/thaw damage. Application will not alter the color or texture of the ArcusStone coating.

### **Uses**

As a penetrating water repellent barrier over most applications of ArcusStonecoat and ArcusPlaster, and other cementitious materials.

### **Availability**

5 Gal. pails (18.93 L)

### **Coverage**

ArcusPlaster – 125-150 sq. ft. / Gal. (3.1-3.7 sq. M / L)

ArcusStonecoat – 200-250 sq. ft. / Gal. (4.9 – 6.1 Sq. M / L)

### **Limitations**

This product is not formulated for use on substrates with hydrostatic pressure such as retaining walls. It is not intended to seal cracks. It should not be used on pool surrounds, submersed applications such as fountains, or any other areas subjected to water immersion or caustic chemicals. It is not appropriate for application to polished stone as it must penetrate into and react with the surface receiving treatment to be effective. Thoroughly review all product application instructions and MSDS prior to using.

### **Technical Data**

#### **Application**

Preferred application method is by low pressure high volume pump sprayer. *Airless sprayers are not acceptable for application.*

#### **Climatic and Environmental**

Surface and air temperature must be maintained between 45°F (7°C) and 90°F (32°C). Do not apply to hot, wet, frozen or thawing substrates. Protect treated surfaces from rain and other sources of direct water splash (e.g. landscape sprinklers) for a minimum of 24 hours after application.

Product effectiveness is related to cure time, which is increased at temperatures below 65°F (18°C). Allow 14 days cure before evaluating performance.

#### **Substrate Preparation**

Surfaces to be treated must be sound, dry, and free of cracks, dirt, efflorescence, or other contaminants which may affect performance. New ArcusStone coating must be allowed to cure for a minimum of 48 hours before treatment with this product.

Protect plants, shrubs, glass, and other surfaces from overspray. Should product contact occur with surfaces not intended for application, remove overspray immediately with a mild soap / water solution and rinse with clean water. Do not allow soap solution to contact surface being treated.

### **General Application Procedures**

Stir well prior to application. Hand stir only. Do not dilute or thin. Apply by low pressure high volume pump sprayer (20-30 psi), saturating the surface, and working from the bottom of the wall moving upward. On horizontal surfaces, allow product to dwell for a few minutes and blot off any excess that may have pooled on the surface.

Two applications (wet on wet) are required to provide the maximum penetration, protection, and warranty.

### **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 in a cool place out of direct sunlight. Store on pallets under cover, not exposed to weather. Do not stack more than 2 pallets high. KEEP FROM FREEZING. If frozen or partially frozen, discard.

### **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. Extended Warranties of 5, 7, and 10 years may be available, specific to a project, and upon review and approval of required documentation. 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.