



## Product Description

Bayblock Prime SC is a single component, resin and pigment rich, low solids, water based, acrylic primer formulated to achieve superior adhesion and penetration. Bayblock Prime SC was specifically developed as a quick drying primer increase adhesion to aluminium, galvanized metal, and concrete.

## Application and Handling

Bayblock Prime SC may be applied by conventional airless spray equipment, medium nap rollers or brushes. Airless spray application is most efficient whereas rolling or brushing may be used for touch up, flashing and edge terminations or to fill voids, pinholes, holidays or cracks. CONTACT BaySystems TECHNICAL PERSONNEL FOR SPECIFIC RECOMMENDATIONS, PRICING AND AVAILABILITY OF SPRAY AND AUXILIARY EQUIPMENT.

## Limitations and Precautions

Bayblock Prime SC is a water-base epoxy which will freeze and become unusable at freezing temperatures. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not apply Bayblock Prime SC when ambient temperatures fall below 50°F or when there is a possibility of temperatures dropping below 40°F within a 24-hour period after application. Do not apply over wet substrates or when inclement weather is imminent.

Note: Application and drying of any product can reduce the temperature by as much as 20° due to evaporative cooling (i.e., applying water-based material at 50°F can result in a 30°F temperature).

It is extremely important that Bayblock Prime SC is totally cured before proceeding. Total cure may be prolonged drastically by high humidity and cool ambient temperatures. For further information on safety requirements, refer to OSHA guidelines and Bayblock Prime SC Material Safety Data Sheet.

Because Bayblock Prime SC is resin rich and does not contain any fillers, it is subject to settling and requires thorough mixing when allowed to stand over 48 hours.

## Typical Physical Properties

Property	Value
Solids by Weight:	22.9%
Solids by Volume	21.7%
Application Rate :	250-300 s.f./gal.
Weight per gallon:	8.46 lbs./gal.50-120°F
Viscosity (cps):	50 KU (Krebs Units)
Recommended Service Temperature:	50-120°F
Number of Components:	One
Color:	Dark Grey

## Wet Physical Characteristics

Flash Point:	>250°
Shelf Life:	12 month if properly stored
Clean Up:	Wet: Water Dry: MEK
Thinner:	Not Recommended

Note: Adhesion should not be tested within one hour of application

## Product Reactivity

Dry Time:	4 hours
Tack Free Time:	90 minutes
Recoat:	At full cure or 24 hours; whichever comes first

# Bayblock™ Prime SC

## General Safety, Toxicity, Health Data

Material Safety Data Sheets are available on this coating material. Any individual who may come in contact with these products should read and understand the M.S.D.S. In case of emergency contact CHEMTREC EMERGENCY NUMBER at 800-424-9300.

**WARNING:** Contact with skin or inhalation of vapors may cause an allergic reaction. Avoid eye contact with the liquid or spray mist. Hypersensitive persons should wear protective clothes, gloves and use protective cream on face, hands and other exposed areas.

**CONTAMINATION:** Avoid moisture contamination in containers. Containers should not be released if contaminated. Do not attempt to use contaminated materials.

**EYE PROTECTION:** Safety glasses, goggles, or a face shield are recommended.

**SKIN PROTECTION:** Chemical resistant gloves are recommended. Cover as much of the exposed skin area as possible with appropriate clothing.

**RESPIRATORY PROTECTION** is MANDATORY! Respiratory protective equipment, impervious foot wear and protective clothing are required at all times during spray application. Contact BaySystems for a copy of the Model Respiratory Protection Program developed by API.

**INGESTION:** Do not take internally. It is believed that ingestion of polymeric isocyanates would not be fatal to humans, but may cause inflammation of mouth and stomach tissue.

Consider the application and environmental concentrations in deciding if additional protective measures are necessary.

## Disclaimer

The data presented herein is not intended for non-professional applicators or those persons who do not purchase or utilize this product in the normal course of their business.

The potential user must perform any pertinent tests in order to determine the product's performance and suitability in the intended application, since final determination of fitness of the product for any particular use is the responsibility of the buyer. The aforementioned data on this product is to be used as a guide and is subject to change without notice.

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**East Office**  
2400 Spring Stuebner Road  
Spring, TX 77389  
1.800.221.3626  
Tel 281.350.9000  
Fax 281.288.6450

**West Office**  
PO Box 6460  
Phoenix, AZ 85005  
1.800.289.8272  
Tel 602.269.9711  
Fax 602.269.9115

[baysystemsspray.com](http://baysystemsspray.com)



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