

Product Description

Bayblock Prime CT is a fast drying, waterbased, 100% acrylic primer specifically designed specifically for acrylic coating over concrete. It is completely breathable and will not trap moisture in the substrate.

Bayblock Prime CT is a proprietary blend of extremely small particle size polymers, high efficiency wetting agents and rheology modifiers that combine for an optimum balance of penetration and film build.

This product can actually strengthen the surface of porous substrates to which it is applied, providing an excellent surface for thermoplastic and elastomeric coatings. Utilizing Bayblock CT will significantly improve the adhesion and extend the life expectancy of acrylic coating system.

Application and Handling

Prior to application of Bayblock CT, completely water blast substrate at a minimum pressure of 3000 psi.

Bayblock Prime CT 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.

Apply Bayblock Prime CT only to clean, dry, sound surfaces free of loose particles, rust, or other foreign matter.

It is recommended that Bayblock Prime CT be spray applied in multi-directional (north-south/east-west) passes to ensure uniform film build and to avoid pinholing. Avoid any pooling of material during application. Final cured dry film thickness must be free of holidays, cracks or blisters. COATING APPLICATION MUST BE SUSPENDED IMMEDIATELY AND Baysystems TECHNICAL SERVICE PERSONNEL CONTACTED IF THE RESULTS OBTAINED ARE LESS THAN DESIRABLE.

The recommended application rate is 150 s.f. per gallon.

Limitations and Precautions

Do not apply Bayblock Prime CT when 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. High relative humidity will retard drying.

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

Typical Physical Properties

Property	Value @ 75°F
Solids by Weight:	26 ± 2%
Solids by Volume	25 ± 2%
Theoretical Coverage :	150 s.f./gal.
Weight per gallon:	8.49 lbs./gal.
Recommended Service Temperature:	>50°F
Number of Components:	one
Color:	White liquid, Dries Clear

Wet Physical Characteristics

Shelf Life:	12 month if properly stored
Thinner:	Not Recommended

Product Reactivity

Dry Time:	30 Minutes
Recoat:	One (1)Hour dependant on environmental and substrate conditions

Bayblock™ Prime CT

Limitations and Precautions (continued)

It is extremely important that Bayblock Prime CT is totally cured (dries clear) before proceeding. Total cure may be prolonged drastically by high humidity and cool ambient temperatures.

General Safety, Toxicity, Health Data

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.

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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