

BAYBLOCK[®] PRIME RI

Characterization

Bayblock Prime RI is a water-based two component rust inhibitive primer.

Properties / Applications

Bayblock Prime RI has exceptional adhesion to metal substrates including aluminum. This two- component product provides the corrosion resistance of solvent-based epoxies with water clean up. Bayblock Prime RI primer provides an exceptional surface for the application of polyurethane foam or elastomeric coatings. As with any product, use of Bayblock Prime RI primer in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

Application and Handling

Thoroughly mix one (1) part curing agent to four (4) parts resin by volume (1 gal to 4 gal.). If material viscosity is too high for spray equipment, dilution up to 5% may be necessary. Do not dilute more than one (1) quart for every five gallons.

Bayblock Prime RI primer may be applied by medium nap rollers, brushes and by conventional airless spray equipment. Airless spray application is most efficient whereas rolling or brushing may be used for touchup, flashing, and edge terminations or to fill voids, pinholes, holidays or cracks. Contact Bayseal technical service personnel for specific recommendations, pricing, and availability of spray and auxiliary equipment. The recommended application rate is 300 s.f. per gallon.

Apply Bayblock Prime RI primer only to clean, dry, sound surfaces that are free of loose particles or other foreign matter. A test patch is always recommended. It is recommended that Bayblock Prime RI primer be sprayed in multi-directional (north-south- east-west) passes to ensure uniform film build and to avoid pinholing. Final cured dry film thickness must be free of holidays, cracks or blisters. Application should be suspended immediately and contact your Bayseal technical service personnel if the results obtained are less than desirable.

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Typical Physical Properties*

Properties	Value
Solids by Weight	62 ± 2%
Solids by Volume	50 ± 2%
Theoretical Coverage	300 s.f./gal
Weight per gallon	11.5 lbs/gal
Recommended service temperature	> 50°F
Number of components	Two
Color	Orange
Pot life	4 hours

** These items are provided as general information only. They are approximate values and are not part of the product specifications.*

Wet Physical Characteristics

Property	Value
Shelf Life	12 months when properly stored
Flash point	> 250°F
Clean Up	Water
Thinner	Not Recommended

Product Reactivity

Property	Value
Dry time	30 minutes
Tack free time	Remains tack normal
Recoat	3 hours dependent on environmental and substrate conditions

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Limitations and Precautions

Do not apply Bayblock Prime RI primer 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 evaporation cooling (i.e., applying water based material at 50°F can result in a 30°F temperature).

It is extremely important that Bayblock Prime RI primer is totally cured before proceeding. Total cure may be prolonged drastically by high humidity and cool ambient temperatures.

Discard unused portion of mixture after four hours. Material may appear normal, but physical properties will be adversely affected after the end of pot life.

Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling this product. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., safety data sheets and product labels. For further information contact your Bayseal representative.

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