

## High Build Bituminous Black Solvent Based Repair Coating

### Features

- A tough, durable bituminous based coating for lasting protection of steel pipe, tanks, flanges, bolts and other bare metal structures. The coating particularly suited for quick repairs. Low VOC and meets all requirements of any county in the United States. Can be applied to new and reconditioned pipe. When applied over light rust it will stop further deterioration. Meets requirements of an architectural coating and/or an Industrial Maintenance Coating.

### Typical Uses

Excellent exterior durability and adhesion over most metal, wood, and concrete surfaces. Can be used above and below grade.

### Physical Data

|   |            |  |              |
|---|------------|--|--------------|
| Pencil Hardness (ambient cure)              | Soft to 4B | Theoretical coverage of mixed gallon (1 mil) | 1100 sq. ft. |
| Adhesion (ASTM D 4541)                      | 300 psi    | Volatile Organic Content                     |              |
| Temperature resistance (non-immersion)      |            | VOC Actual Unthinned ready to apply          | 78 gms/liter |
| Continuous                                  | 250°F      | VOC less exempt (99 gms/liter)               |              |
| Non-continuous                              | 300°F      |  |              |
| Theoretical volume solids of Mixed material | 69%±1%     |  |              |

### Resistance

BB-124BHBWB is designed for exposures to mild chemical fumes under typical atmospheric conditions.

| <u>Exposure</u> | <u>Immersion</u> | <u>Splash &amp; Spillage</u> | <u>Fumes</u> |
|-----------------|------------------|------------------------------|--------------|
| Acidic          | Not recommended  | Poor                         | Fair         |
| Alkaline        | Not recommended  | Poor                         | Fair         |
| Solvents        | Not recommended  | fair                         | Good         |
| Salt water      | Not recommended  | Good                         | Excellent    |
| Water           | Not recommended  | Good                         | Excellent    |

### Film Thickness (per coat)

Dry film thickness: 30 to 60 mils per coat.

Wet film thickness: 60 to 120 mils

Theoretical coverage: 35 sq. ft. @ 30 mils DFT

### Primer/Substrates

BB-124BHBWB Coating may be applied directly to properly prepared steel substrates, weathered galvanized steel and concrete surfaces. All surfaces should be free of oil or dirt.

### Colors

Only in Standard Black Low Gloss

### Shipping Data

|                           |          |         |          |  |
|---------------------------|----------|---------|----------|--|
| Packaging unit            | 55 gal.  | 5 gal.  | 1 Gal.   | Flash Point: (Setaflash)                                 |
|                           |          |         |          | BB-124 45 °F   |
| Shipping weight (approx.) |          |         |          | Shelf Life: 2 years when stored inside at 40°F to 110°F. |
| Package unit              | 500 lbs. | 50 lbs. | 9.0 lbs. | DOT Classification: PAINT, 3, UN1263, PG II              |

### Surface Preparation

BB-124 Pipe Coating is designed to be used over surfaces that have been prepared in accordance with SSPC-SP2 Hand Tool Clean specification. In many cases High Pressured Water Blast will suffice.

### Mixing

Mix BB-124BHB Coating well prior to application.

### Thinning

Thinning is not required for most applications; however BB-124BHB may be thinned with Acetone (exempt solvent) at up to 1 pint/gal.

# BB-124 High Build Black Bituminous Repair Coating Product Data Sheet

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## Applications Conditions

|         | <u>Material</u> | <u>Surface</u> | <u>Ambient</u> |
|---------|-----------------|----------------|----------------|
| Minimum | 50°F            | 50°F           | 50°            |
| Maximum | 100°F           | 120°F          | 120°F          |

Special thinning and application procedures are required outside these temperatures.

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## Application Equipment

Conventional Spray: Industrial sprayers such as DeVilbiss MBC or JGA and Binks 18 or 62 having double regulated pressure pot, 3/8" I.D. minimum material hose and a .070" I.D. fluid tip and air cap are recommended.

Airless Spray: Sprayer such as Graco's Bulldog with a 30:1 ratio and a .035" to .080" tip is recommended. A 30 mesh inline filter is recommended.

Brush: Use medium brush; Roller: Application by roller is not recommended.

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## Drying Time

The following minimum times are based on 30 mils DFT and adequate air ventilation. Higher thickness and reduced air circulation increase drying times.

### Surface

| <u>Temperature</u>          | <u>To Touch</u> | <u>To Handle</u> | <u>To Recoat</u> |
|-----------------------------|-----------------|------------------|------------------|
| 77°F                        | 25 min.         | 45 min.          | 45 min           |
| Less at higher temperatures |                 |                  |                  |

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## Maximum Recoat

BB-124BHBWB Coating can be recoated with itself at any time by simply removing dirt and contamination of the existing coat.

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## Cleanup

Cleanup spill spatters and equipment using Acetone (an exempt solvent)

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CAUTION: Read and follow all caution statements on this product data sheet and on the Material Safety Data Sheet for this product.

CONTAINS FLAMMABLE MATERIALS.

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