

## Acrylic Latex Coating

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### Features

- Semi gloss finish
- Water based
- Excellent Color & Gloss Retention
- Single package
- Available in colors
- VOC compliant
- Extended recoat windows
- Excellent wetting and adhesion properties
- Flexible film

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### Typical Uses

FWB-3000 is used as a finish coat for alkyd, epoxy, vinyl, chlorinated rubber coating where a single package, easy to use, color and gloss retentive product is desired. Ideal product for color coding handrails and piping. Used on structural steel, steel tanks, barges, refineries, petrochemical plants, power plants, transformers, railcars, pulp & paper mills, and others as recommended.

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### Performance Data (Typical)

Weathering (ASTM D 1014 South Florida)  
3 months 95%+ gloss retention

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### Physical Data

Temperature resistance (non-immersion)	
Continuous	250°F
Non-continuous	300°F
<b>Theoretical volume solids content of mixed material</b>	<b>41%±1%</b>
<b>Theoretical coverage of mixed gallon (1 mil)</b>	<b>658 sq. ft</b>
<b>Volatile Organic Content</b>	
Unthinned	0.2 lbs./gal.

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### Resistance

AquaGrip 5000 is resistant to a wide range of mild chemical fumes in atmospheric exposures. FWB-3000 is not normally recommended for immersion service. The following is a guide to the proper selection.

<u>Exposure</u>	<u>Splash &amp; Spillage</u>	<u>Fumes</u>
Acidic	Poor	Fair
Alkaline	Poor	Fair
Solvents	Poor	Fair
Salt water	Good	Excellent
Water	Good	Excellent

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### Film Thickness (per coat)

**Dry film thickness: 2 to 3 mils**  
**Wet film thickness: 5 to 7 mils**  
**Theoretical Coverage: 319 sq. ft. @ 2 mils**

Note: One coat is normally required, however, certain colors may require additional coats for hiding.

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### Primer

FWB-3000 is normally applied to an alkyd or epoxy coating. FWB-3000 is recommended over BB-105 Gray Primer.

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### Topcoats

FWB-3000 is not normally topcoated with another coating, as it is normally recoated with itself.

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### Colors

FWB-3000 is available in a variety of colors. A color chart of 100 commonly used colors is provided for ease of selection. Custom colors can be computer matched.

# FWB-3000 Product Data Sheet

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## Shipping Data

Packaging unit                    1 gal.                    5 gal.      Shipping weight (approx.)                    11 lbs.                    55 lbs.

Flash Point: (Setaflash)

FWB-3000                    185°F

Shelf Life: 2 years when stored inside at 40°F to 110°F. Do not allow FWB-3000 to freeze.

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## Surface Preparation

Remove oil and grease from the surface with solvent or a commercial cleaner, which does not leave a residue in accordance with SSPC-SP1. If the prime coat or intermediate coat exceeds the cure time, prepare the surface as recommended by the underlying coating's surface preparation procedures.

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## Mixing

Power mix until uniform then thin as required.

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## Thinning

Thinning is not normally required. However, when thinning, use clean potable water up to one pint per gallon.

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## Pot Life

FWB-3000 is a single package product and can be used once the container is opened and mixed. However, once exposed to the air, a skin can develop on the surface of the paint.

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## Applications Conditions

	<u>Material</u>	<u>Surface</u>	<u>Ambient</u>
Minimum	50°F	35°F	35°
Maximum	90°F	110°F	110°F

Special thinning and application procedures are required outside these temperatures. Surface temperatures should be 5°F above dew point to prevent condensation, which may dull the finish.

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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 .013" to .017" tip is recommended. A 60 mesh inline filter is recommended.

Power Mixer: Use only explosion proof power mixers.

Brush or Roller: Use medium brush and short nap roller with solvent resistant fibers and core.

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## Drying Time

The following minimum times are based on a 2 mil 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/Recoat</u>
50°F	2 hrs.	8 hrs.
60°F	1 hr.	4 hrs.
70°F	30 minutes	2 hrs.
80°F	20 minutes	1 hr.
90°F	10 minutes	30 minutes

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## Maximum Recoat

FWB-3000 is formulated to provide maximum bond strength between coats after weathering. Consequently, there is no time limitation regarding the maximum cure of FWB-3000 prior to recoating with itself. However, the aged coating must be clean and free of chalk.

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## Cleanup

Cleanup with Clean Potable water followed by Reducer 3.

12/5/05

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

CONTAINS FLAMMABLE SOLVENTS. Vapors are heavier than air and will accumulate. Extinguish all flames and prevent all sparks. All electrical equipment and installations should be made and grounded in accordance with the National Electrical Code. Where explosion hazards exist workers are required to use non-sparking tools and wear non-sparking shoes.

HEALTH: In confined spaces workers must wear fresh airline respirators.

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