

Heavy Duty Mastic Coating Meets AASHTO M243-96 (2004)

Surface Preparation

Remove oil and grease from the surface with solvent or a commercial cleaner, which does not leave a residue according to SSPC-SP1.

Steel: Abrasive blasting is preferred when possible as the performance is enhanced. For normal environments, abrasive blast to a Commercial finish per SSPC-SP 6 to obtain a 1 ½ to 3 mil profile. For immersion conditions, abrasive blast to a Near-white finish per SSPC-SP 10 to obtain 1 ½ to 3 mil profile. For mild environments, which do not permit abrasive blasting, Hand Tool cleaning per SSPC-SP 2, Power Tool cleaning per SSPC-SP 3 or High Pressure Water cleaning per SSPC-SP12/NACE 5 WJ-4 is recommended.

Concrete: Minimum cure is 28 days at 75° F and 50 % RH or the equivalent. Abrasive blast to remove laitance and form oils and produce a surface roughness similar to medium sandpaper. Surfacing may be required to fill holes in order to produce a sealed surface.

Mixing

BB124 M243 is a single package product. Pre mixing of the product is normally not required before application.

Thinning

Thinning is not required for most applications, however BB124M243 may be thinned up to 1 pint/gal. Use Xylene solvent to thin. Caution should be used in adding thinner. If too much is added it will be difficult to obtain the minimum film build and the dry times will be extended.

Applications Conditions

	<u>Material</u>	<u>Surface</u>	<u>Ambient</u>
Minimum	50°F	50°F	50°
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.

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 .017" to .021" tip is recommended. A 30 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.

Drying Time

The following minimum times are based on a 50 mils DFT and adequate air ventilation. Higher thickness and reduced air circulation increase drying times.

<u>Surface Temperature</u>	<u>Cure To Place in Service</u>
45°F	96 hrs.
60°F	72 hrs.
75°F	<48 hrs.

Maximum Recoat

BB124M243 is formulated with an unlimited recoat window. However, excess dirt or other contamination must be removed prior to recoating. High pressure water washing is an acceptable method of removing surface contamination. A second coat can be applied over BB124M243 as soon and the first coat of BB124M243 is tack free.

Cleanup

Cleanup with Xylene or High Flash Naptha