

## Mill Pipe Coating

### Features

- A tough, durable coating for lasting protection of steel pipe. The pipe coating is effective for both indoor and outdoor storage. Can be applied to new and reconditioned pipe. Coated over rust it will stop further deterioration. Can be top coated with most conventional coatings. For shop application only.

### Typical Uses

Excellent exterior durability and adhesion over most metal, wood, and concrete surfaces.

### Physical Data

Pencil Hardness (ambient cure)	Soft to 4B	<b>Theoretical volume solids of mixed material</b>	<b>28%±2%</b>
Adhesion (ASTM D 4541)	300 psi	<b>Theoretical coverage of mixed gallon (1 mil)</b>	<b>449 sq. ft.</b>
Temperature resistance (non-immersion)		<b>Volatile Organic Content</b>	
Continuous	250°F	<b>Ready to apply (less exempt)</b>	<b>2.8 lbs./gal. 336 gms/lt</b>
Non-continuous	300°F		

### Resistance

AA-133 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: 1.0-2.0 mils**

**Wet film thickness: 3 – 5 mils**

**Theoretical coverage: 335 sq. ft. @ 1 mils DFT**

### Primer/Substrates

AA-133 Pipe Coating may be applied directly to properly prepared steel substrates.

### Colors

Clear to light Brown Coating with a High Gloss or Sheen.

### Shipping Data

Packaging unit	<u>55 gal.</u>	<u>5 gal.</u>	Flash Point: (Setaflash)	
			AA-133	45°F
Shipping weight (approx.)			Shelf Life: 3 years when stored inside at 40°F to 110°F.	
Package unit	400 lbs.	60 lbs.	DOT Classification	Paint Flammable liquid UN1263 PG II

### Surface Preparation

AA-133 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 AA-133 Pipe Coating well prior to application.

### Thinning

Thinning is not required for most applications; however AA-133 Pipe Coating may be thinned up to 1 pint/gal. CC-107 is recommended for applications. For VOC control thin only with thinner #4.

# AA-133 Pipe Coating Product Data Sheet

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## Applications Conditions

	<u>Material</u>	<u>Surface</u>	<u>Ambient</u>
Minimum	40°F	40°F	40°
Maximum	1200°F	120°F	120°F

Special thinning and application procedures are required outside these temperatures. Surface temperatures should be 5°F above dew point to prevent condensation.

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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 .017" to .021" tip is recommended. A 30 mesh inline filter is recommended.

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 1.5 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>
60°F	10 - 15 min.	25 min.	over night

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## Maximum Recoat

AA-133 Pipe 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 mineral spirits. Lacquer thinner or Thinner #4 for VOC control.

10/25/12

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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