

Wohl Coatings WB-300 Series Clear

Water Based Clear Pipe Coating / Mill Lacquer Product Data Sheet

Features: A water based coating for good protection of steel pipe. It can be applied over lightly rusted pipe, new and reconditioned pipe. **Typical Uses:** Excellent exterior durability and adhesion over most metal, wood, and concrete surfaces.

Physical Data:

Pencil Hardness (ambient cure)	B
Adhesion (ASTM D 4541)	300 psi Temperature resistance (non-immersion)
Continuous	250°F
Non-continuous	300°F
Theoretical volume solids of mixed material	49.4%
Theoretical coverage of mixed gallon (1 mil wet)	793 sq. ft.

Resistance: WB-300 Series Clear Water Based Coating is designed for exposures to mild chemical fumes under typical atmospheric conditions.

Exposure	Immersion	Splash & Spillage	Fumes
Acidic	Not recommended	Poor	Fair
Alkaline	Not recommended	Poor	Fair
Solvents	Not recommended	Fair	Good
Salt water	Not recommended	Good	Good+
Water	Not recommended	Good	Good+

Film Thickness: Two coats are recommended over properly prepared steel substrates.

Dry film thickness	1 mil
Wet film thickness	2.2 mil
Theoretical coverage	397 sq. ft. @ 1 mil DFT

Primer/Substrates: WB-300 Series Clear Water Based Pipe Coating may be applied directly to properly prepared steel substrates and weathered galvanized steel.

Color Options: Black, Clear, Ghost

Shipping Data:

Packaging unit	275 gal Tote/55 gal Drum/ 5 gal Pail
Shipping weight (approx.) package unit	2531 lbs Tote/519 lbs Drum/ 43.75lbs Pail
Flash Point	>204°
Shelf Life	1 year when stored inside at 55°F to 70°F.
DOT Classification	NOT REGULATED

Surface Preparation: WB-300 Series Clear Water Based 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. Increased performance can be obtained by applying 2 or 3 coats of WB-300 Series Clear.

Mixing: Mix WB-300 Series Clear Water Based Pipe Coating well prior to application.

Thinning: DO NOT THIN

Application Conditions: Surface temperatures and air temperatures must remain above 40F for 2 hours after application for proper film formation.

	Material	Surface	Ambient
Minimum	40°F	40°F	40°F
Maximum	120°F	120°F	120°F

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 a Graco model, a 215, 315, 415 or 515 tip is recommended.
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 1.0 mil DFT and adequate air ventilation. Higher thickness and reduced air circulation increase drying times.

Surface Temperature	To Touch ⁷⁰	To Handle	To Recoat
70°F	5-10 min.	30 min.	1 Hour

Maximum Recoat: WB-300 Series Clear

Water Based Pipe Coating can be recoated with itself at any time by simply removing dirt and contamination of the existing coat.

Cleanup: Cleanup spill spatters and equipment using water. Do not allow material to dry on equipment.

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NOTE: Water Based Product Read and follow all caution statements on this product data sheet and on the Material Safety Data Sheet for this product. HEALTH: In confined spaces workers must wear fresh airline respirators. WARRANTY: Any recommendation of Wohl Coatings contained herein, covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however Wohl Coatings makes no warranty or representation with respect thereto. Use or application is at the discretion of the Buyer without liability or obligation whatsoever of Wohl Coatings.