



HD50

HD50 Bituminous Tar Mastic

Description

Christy's HD 50 is a tough, durable bituminous based VOC compliant coating. HD50 is a high build single component, self-priming coating that is easy to use. It can be applied to new and reconditioned pipe. When applied over light rust it will stop further deterioration. Christy's HD50 meets the requirements of an Architectural coating and/or an Industrial Maintenance coating as well as being SCAQMD VOC compliant. Limitations: THIS CANNOT BE USED IN POTABLE WATER APPLICATIONS

Standard Use

Christy's HD50 will provide long lasting corrosion protection of above or below ground iron, steel pipe, tanks, flanges, bolts and other bare metal structures. Excellent exterior durability and adhesion over most metal, wood and concrete surfaces make it easy to use and particularly suitable for quick repairs.

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

CHRISTY'S HD50 is designed for exposures to mild chemical fumes under typical atmospheric conditions.

<u>Exposure</u>	<u>Immersion</u>	<u>Splash & 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: 10 to 20 mils per coat
Wet film thickness: 12 to 24 mils
Theoretical coverage: 144 sq. ft. @ 30 mils DFT

Primer/Substrates

Christy's HD50 may be applied directly to properly prepared steel substrates, weathered galvanized steel and concrete surfaces. Surfaces should be free of oil or dirt.

Colors

Only in Standard Black Low Gloss

Packaging unit	1 Gal.	Flash Point: (Setflash) CHRISTY'S HD50	45 °F
Shipping weight (approx.) Package unit	9.0 lbs.	Shelf Life: 2 years when stored inside at 40°F to 110°F. DOT Classification: PAINT, 3, UN1263, PG I	

Surface Preparation

CHRISTY'S HD50 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.

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Mixing

Mix CHRISTY'S HD50B Coating well prior to application
Thinning

Thinning is not required for most applications; however CHRISTY'S HD50 may be thinned with Acetone (exempt solvent) at up to 1 pint/gal.

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.

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.

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

Maximum Recoat

Christy's HD50 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 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.

WARRANTY: Any recommendation of Christy's contained herein, covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however Christy's makes no warranty or representation with respect thereto. Use or application is at the discretion of the Buyer without liability or obligation whatsoever of Christy's.