



Simco
We've Got You Covered

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SIMTAR-200 COAL TAR EPOXY

Description: Self priming two components, H.B. Coal Tar Epoxy.

Excellent adhesion & abrasion resistance. Recommended for saltwater immersion service. Provides 16.0 mils. protection in two coats.

Conformance: U.S. Corp of Engineers formula C-200 and the steel structures painting council No. 16 specifications.

Recommended Uses: Marine docks, ship hulls, tank interiors, pipelines interior & exterior, marine barges (exterior), metal protection in most chemical environments.

Technical Data

Generic Type:	Epoxy Polyamide Coal Tar Epoxy		
Color and Finish:	Black & Red, Low Gloss		
Components:	Two		
Application Temperature	<u>Normal</u>	<u>Minimum</u>	<u>Maximum</u>
Ambient Air:	60-90° F	50° F	120° F
Material:	65-85° F	55° F	
Surface:	65-85° F	50° F	100° F
Humidity:	20-80%	0%	85%
Temperature Resistant:			
Continous:	200° F		
Occassional:	250° F		
Percent Solids by Volume (Part A&B Mixed):	75 +/- 1.0%		
Theoretical Coverage:	1170 sq. ft. per gal @ 1 mils dry		
Flash Point:	Comp A: 85° F. Comp B: Over 160° F		
Recommended DFT:	16 mils (8 mils per coat)		
Wet:	10-12 mils		
Dry:	8 mils		
Drying Time:	at 50° F	at 70° F	at 90° F
Set to touch:	24 hrs.	6 hrs.	4 hrs
Recoat Time:	72 hrs.	18 hrs.	12 hrs.
Final Cure:			
Non-Immersion:	3 days	1 day	
Immersion	7 days	3 days	
Shelf Life:	12 months		
Pot Life:	4 hours @ 77° F		
Mixing Ratio:	4:1 by volume		
Packaging & Shipping Weight:	5 Gal. Kit: 56.0 lbs.	1 Gal. Kit: 12.0 lbs.	
Recommended Thinner:	T-1 Thinner for Coal Tar Epoxy		

Surface Preparation:

Steel: "Near White Blast Cleaning" (SSPC-SP10)

Concrete: Should be properly cured and free from contaminants. Brush blast to provide etched surface.

Application Data:

Method of Application: Conventional or Airless Spray

Spray Guns:

<u>Conventional</u>	<u>Fluid Tip</u>	<u>Air Cap</u>
DeVilbiss-MBC-510	D	64
Binks-Model 18	66 or 68	63PB or 68PB

Airless:

Graco- 30:1 ratio with 206718 gun or Speeflo Commander 30 with H Gun- 0.019 or 0.031 orifice.

The Substrate temperature before coating should be 5-7° F. above the dew point.

Mixing:

Agitate Part A with Jiffy Mixer to reduce viscosity of material. Thoroughly mix Component B for a few minutes. Below 65° F allow 30 minutes induction time before application. Apply in well-atomized spray coat overlapping each pass 50%. May be thinned up to 1 pint per gallon with T-1 Thinner.

Safety Precautions:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Non-Warranty:

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