



SSPC-PAINT 16

COAL TAR
EPOXY-POLYAMIDE
COATING

PRODUCT DATA

PRODUCT DESCRIPTION AND USES

SSPC-PAINT 16 is a high build, two package, epoxy-polyamide coal tar epoxy which meets the requirements of the Steel Structures Painting Council Paint No. 16. It is designed to furnish long-term protection to marine and industrial structures exposed to corrosive environments.

SSPC-PAINT 16 is suitable for use as a protective coating and lining for marine piling, ship and barge hulls, dam gates, penstocks, brine, sour crude, fresh water tanks, etc.

SSPC-PAINT 16 is self-priming, but also excellent as a topcoat over inorganic zinc and organic zinc primers.

SSPC-PAINT 16 also conforms to Corps of Engineers Specification C-200A.

SSPC-PAINT 16 is a low VOC product and upon special request can be manufactured with zero VOC content.

VOC Content:
1.50 lbs/gal; 180 grams/liter

Type of Material:
Catalyzed Coal Tar Epoxy

Volume Solids:
75% by volume; 82% by weight

Estimated Coverage:
1200 sq. ft. @ 1 mil DFT

Recommended Film Thickness:
8 - 12 mils DFT

Method of Application:
Spray preferred

Number of Coats:
One or Two, as required

Thinner and Clean Up Solvent:
Xylene

Shelf Life:
24 months minimum @ 75°F

Pot Life:
4 hours @ 77°F

Dry Time:
3 hrs to touch; overnight to re-coat @ 75°F

Flash Point:
82°F closed cup

Color and Gloss:
Black and Dark Red; Medium gloss

Mixing Ratio:
4:1 by volume

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SURFACE PREPARATION

Steel: A "Near White Blast Cleaning" in accordance with SSPC-SP10-63 specification is recommended.

Concrete: Concrete should be properly cured and free from contaminants. Brush blast to provide an etched surface, then apply SSPC-PAINT-16 as specified.

MIXING

Agitate Component A with Jiffy Mixer to reduce viscosity of material. Add thinner before addition of Component B. Thoroughly mix Components A and B for a few minutes. Do not use more than 12 ounces per gallon of Xylene Thinner.

APPLICATION INSTRUCTIONS

Apply in heavy, wet coats overlapping each pass 50%. A wet film of 12 mils will give 8 - 9 mils DFT. Where two coats are specified, apply second coat as soon as the first coat is firm. If first coat has cured 72 hours or longer, sand-sweep before application.

SPRAY EQUIPMENT:

Airless: Graco 30:1 pump, Graco #206-718 with reverse-a-clean tip, size .019 - .031.

Conventional: Paint pressure pot with agitator, double regulators and moisture traps, 1/2" ID material hose, 5/16" ID air hose. DeVilbiss MBC gun with "D" tip and needle, 64 air cap.

CURING: For immersion service, allow at least 72 hours at 75°F before placing in service. Sheet "H" and pipe pilings should cure from 5 - 7 days before driving.

This product should not be applied at temperatures less than 50° F.

Do not apply when dew point is less than 5° F. from the temperature of substrate.

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