



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.

This material is for industrial use only. See Material Safety Data Sheets for handling, storage, disposal and use. **NON-WARRANTY:** The information herein is based upon the best information available at time of printing and data provided are intended for those having skill and ability to use products as recommended. IndMar Coatings assumes no warranties, either implied or expressed, as to the purchase or application of these products, with the sole exception that if the Seller delivers off standard materials, the Seller will, at its option, either replace the material or refund the full purchase price. Nothing contained herein shall be construed as a recommendation to use this product in conflict with any existing patent.