



Tile-Cote® Polyamide Epoxy Impacted Immersion Coating

12XX

Product Description:

A tough chemical resistant coating that produces maximum protection against common corrosive chemicals, moisture, abrasion and atmospheric contamination. Creates a durable ceramic tile-like finish on masonry, plaster, sheetrock and other substrates subjected to heavy abrasion and atmospheric contamination. Protects against the deteriorating effects of mild acids, alkalis, grease, oil, gasoline and water. Lines and coats fire protection or process water tanks subjected to immersion. Tile-Cote is a 2 package coating requiring equal parts by volume of parts A & B.

Recommended Use:

Coating concrete, wood and wall board surfaces in food processing rooms, shower and locker rooms, swimming pool areas, laboratories, clean rooms, dairy operations, pulp and paper mills and chemical processing structures and equipment. Finishing structural steel, industrial equipment and machinery, piping and interior tank surfaces of steel or concrete.

Application:

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead. Surfaces must be clean, dry and free of dirt, dust and other contaminants. Oil, grease and wax must be removed by solvent washing to ensure proper adhesion and appearance of catalyzed epoxy. CONCRETE FLOORS — Thoroughly clean the floor with steam or solvents to remove all dirt, grease, oil and other contaminants. Thoroughly rinse the floor with clean water. Allow the floor to dry completely before coating. Water droplets should not bead up on a properly prepared floor, but should slowly soak into the surface and the concrete should have a profile similar to fine to medium sandpaper. If the profile is too smooth, or if water does bead up, mechanical abrasion may be required. FERROUS METAL — Industrial structures subject to fumes, splash or spillage should be "Commercial" sand blasted (SSPC-SP6) or prepared by power brushing or needle guns (SSPC-SP3). Surfaces subject to severe exposure, such as immersion, require "Near White Metal" sand blasting (SSPC-SP10). WOOD SURFACES — Should be sanded smooth and cleaned. MASONRY BLOCK AND POURED CONCRETE — Should be "Bricked-down" to remove all nibs and mortar splatter. PREVIOUSLY PAINTED SURFACES — Painted coating must be tightly adhered to substrate or be removed by mechanical means. Glossy surfaces including old epoxy and urethane coating should be sanded and dusted clean to ensure proper adhesion of finish coats. A small patch of Tile-Cote should be applied to old surfaces to determine if the previous coating is capable of receiving catalyzed epoxy without blistering or lifting. Use Epoxy Thinner No. 2310** for thinning and for cleaning application tools.

Architectural Specifications:

PRIMERS & FINISHES: Recommended primers should always be used for specified surfaces. Two finish coats are usually recommended over primed surfaces to achieve desired mil thickness. • MASONRY BLOCK - 1 coat Mason-Cote® 100% Acrylic Block Filler; 2 coats Tile-Cote Epoxy Finish. • CONCRETE, BRICK - 2 coats Tile-Cote Finish. • SHEETROCK, VENEER PLASTER, PLASTER, WOOD - 1 coat 100% Acrylic Latex Enamel Undercoat; 2 coats Tile-Cote Epoxy Finish. • FERROUS METALS: One coat Prime-Line® 17XX-series primer, 2 coats of Tile-Cote Epoxy finish. GALVANIZED METALS: 2 coats of Tile-Coat directly over properly cleaned galvanized metal. • PREVIOUSLY PAINTED SURFACES - 2 coats Tile-Cote Epoxy Finish. Old paint film must be sound. Test small area for compatibility before finishing with Tile-Cote Epoxy Finish.

Precautions:

Exterior applications will surface chalk rapidly on exposure to ultraviolet rays, but painted film is not damaged. Industrial colorants used for tinting should be added to Component "A" before catalyzation. Surface and air temperature should be above 65°F during application and curing. Test patch previously applied coatings with Tile-Cote to avoid possible blistering or lifting of old paint films. Do not intermix with other finishes or coatings. CAUTION: TILE-COTE used on floors becomes slippery when wet. Use caution signs during cleaning. Where skid resistant characteristics are required, add approximately one pint of Skid Grip Compound #1000 per gal. of catalyzed TILE-COTE. To maintain effective skid resistance, coated floor surface must be properly cleaned of dirt, oils, food and beverage residue.

Safety Information:

PART A CONTAINS: AROMATIC NAPHTHA, 2-BUTOXYETHANOL, 2-PROPOXYETHANOL & POLYAMIDE RESIN. Keep away from heat and flame. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/NSHA TX 23C or equivalent) or leave the area. Close container after each use. Avoid contact with skin, eyes or clothing. PART A & B (MIXED) MATERIALS MAY HAVE HAZARDS OF BOTH COMPONENTS. PART B CONTAINS: AROMATIC NAPHTHA, 2-PROPOXYETHANOL, 2-BUTOXYETHANOL & EPOXY RESIN. Keep away from heat and flame. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. Close container after each use. Avoid contact with skin, eyes or clothing. USE WITH ADEQUATE VENTILATION. NOTICE: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

*Note: Maximum VOC is for combined components A+B

**Note: An MSDS for No. 2310 Epoxy Thinner is available on website or by calling our Customer Service Dept.

California Paints • 150 Dascomb Rd. • Andover, MA • 01810 • www.californiapaints.com • 800-225-1141

Product Specifications:

Type: Polyamide Epoxy
Exposure: Interior or Exterior
Specular Gloss: 80 @ 60° ± 5
Volume Solids: 47.2 % ± 2
Solids by Weight: 61.5 % ± 2
Vehicle: 74.3 % ± 2
Pigment: 25.7 % ± 2
Dry Film Thickness: 2.4 mils
Viscosity @ 77 °F: 83 KU ± 5
Maximum VOC: 780* g/liter
Flash Pt °F: 103
Thinner: 2310
Clean Up: Mix Xylol/acetone

Available Colors and Bases:

4 Stock

Available Package Sizes:

2 Gal. Kit

(Weight Per Gallon: 10.2 lbs. ± .5 lb)

Drying Times:

To Touch: 3 hrs.
To Handle: 8 hrs.
To Recoat: 4-8 hrs.

(@ 70-77 °F, 50% R.H.)

Surface Spread Rate:

Smooth: 300-375 s.f./gal.
Porous: 175-250 s.f./gal.

(Spray Application is 50% of above)

Tools and Equipment:

Brush - Synthetic, Nylon or Polyester

Roller - 3/8" Nap Synthetic Fiber

Airless Spray - .017 to .019 Tip