



PROPOXY 3009

DESCRIPTION

Propoxy 3009 is a high solids polyamide-cured coal tar epoxy, furnished in two separate pre-measured containers.

RECOMMENDED USE

To protect metal and masonry surfaces subject to fresh or salt water in immersion from corrosion and chemical attack. Excellent as a barrier coating for underground pipes, tanks and conduits. Propoxy 3009 has applications in every industry from chemical plants, storage tanks, steel fabrication and pipelines, to water and sewage treatment plants.

Meets Government Spec. MILP-23236 Type 1, Class 2

Meets Corps of Engineers Formula C-200

Meets Steel Structures Painting Council Specification Paint 16, dated November 1, 1982

TECHNICAL DATA

Color:	Black
Coverage:	100-120 sq ft /gallon
Number of Coats:	2 or more depending on severity of environment
Recommended DFT:	10.5 mils wet, 8 mils dry per coat
Volume Solids:	75-77%
Weight per Gallon:	10.5-10.8 lbs.
Flash Point:	82° F., PMCC
Temp. Limitations:	Dry Heat 250° F. Wet Heat 180° F.
Shelf Life:	8 months to 1 year

PACKAGING

Part A - 5 gallon pail (Contains 4 gallon of material)

Part B – 1 gallon can (4 per case)

SURFACE PREPARATION

Steel

Minimum SSPC-SP 6-63 Commercial Blast Cleaning
For immersion service – SSPC-SP 5-63 White Blast Cleaning

Galvanized Metal & Aluminum

Brush Blast SSPC-SP 7-63

Concrete

Contaminated or previously coated surfaces must be sandblasted to remove all foreign matter. New surfaces must be etched with a Muriatic acid solution, neutralized, flushed with clear water and allowed to dry. Thin first coat 50% with Propoxy Thinner.

APPLICATION METHODS

Stiff brush, rug-type roller, conventional air spray, or airless spray. Avoid the use of nylon or plastic equipment.

MIXING RATIO

The ratio of mix is 4 parts of component A to 1 part component B. Stir each component separately, then slowly mix contents of B into A. Mix thoroughly, preferably mechanically, for 5 minutes. Allow to “digest” for 10 minutes, then apply.

POT LIFE AFTER MIXING

50 deg. F. – 10 hours

80 deg. F. – 2 hours

60 deg. F. – 6 hours

100 deg. F. – 1 hour

APPLICATION REQUIREMENTS

All surfaces must be clean and dry. Do not allow sandblasted steel to remain uncoated for more than 4 to 6 hours. Do not apply when air, product or surface temperatures is below 50 deg. F. Curing is retarded at 60 deg. F.

PRECAUTIONS

The solvent in Propoxy 3009 is flammable, volatile and may irritate the skin of some individuals. Wear gloves and safety glasses when mixing. Prevent liquid from contacting the skin. Use forced air ventilation during application and drying in confined areas. Use fresh air masks at all times when spraying. Close containers after each use. **KEEP OUT OF REACH OF CHILDREN.** See Material Safety Data Sheet for further precautions, safety and first aid information.

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