



Epoxy.com Product #210

Coal Tar Epoxy Coating

DESCRIPTION

Epoxy.com Product #210 Coal Tar Epoxy Coating is a two component, 100% solids coating, especially formulated for high build applications. **PRODUCT #210** produces a tough, flexible, chemical and impact resistant film. **PRODUCT #210** is formulated to be easily spray applied, as thick as 40 mils in one coat. **PRODUCT #210** provides excellent resistance to aggressive water, acids, and caustics.

ADVANTAGES

- Suitable for intermittent exposure to 300° F
- Excellent chemical resistance
- Excellent adhesion
- Convenient 2A to 3B mix ratio by volume
- High build to 40 mils per coat
- 100% solids, 0.0 lbs. VOC
- Sprayable
- Tough and flexible
- Moisture insensitive
- Low temperature curing

PHYSICAL PROPERTIES

Epoxy.com Product #210 Coal Tar Epoxy Coating meets the performance criteria for the American Water Works Association Specification C-210.

Since the **Product #210 Coal Tar Epoxy Coating** is 100% solids, it meets the requirements of the U.S. Environmental Protection Agency's V.O.C. Emission.

SURFACE PREPARATION

All surfaces must be clean and structurally sound, free of dirt, grease, oil, paint, etc. Remove contamination with abrasive blasting, water blasting or wire brush. Make sure all dust is removed after abrasives. Metal should be blasted to SSPC SP-6, 2 to 4 mils profile before coating. Concrete should be blasted or acid etched before coating. Remove all acid with water before coating.

MIXING

Mix Epoxy.com **PRODUCT #210** at 2A to 3B by volume. Mix well with low speed drill (300 rpm) and Epoxy.com **-Mixing Paddle**. Stir until uniform, smooth material is seen. Mix minimum of three (3) minutes. Scrape sides and bottom frequently. Avoid entrapping air in mixture. For best results, when spraying, strain material through a 60 mesh screen prior to spraying.

Color	Black
Percentage Solids	100%
Pot Life	1 hours @ 75° F
Cure Times	24 hrs. @ 75° F for light service
Full Cure	7 days Cure may be accelerated by heat curing @ 140° F for 6-8 hours
Adhesion to Steel -ASTM D 1002	1200 psi
Adhesion to Concrete -ASTM C 882 (substrate)	Break in Concrete
Tensile Strength - ASTM D 638	2200 psi
Compressive Strength - ASTM C 579	7350 psi
Abrasion Resistance - ASTM D 4060	59.2 mg
Shrinkage ASTM C 883	0%
Pull-Off Test - ASTM D 4541-85	Cohesion Failure

APPLICATION

Apply by brush or spray. Pot Life is 30 minutes @ 100°F. If heated and sprayed, mix only what you can apply within 30 minutes. Spraying this material requires specialized equipment. Both "A" and "B" Components must be heated to 100°F before spraying. A 45:1 airless spray pump with standard airless spray gun through a .031 to .035 reversible tip is needed. Plural component guns may be used with this product. Higher temperatures and larger masses shorten pot life.

PACKAGING

5 Gallon Unit = 3 gallons "B" in a 6 gallon pail and 2 gallons "A" in a 2 gallon pail.

COVERAGE

80 square feet per gallon @ 20 mils.

LIMITATIONS

Do not use below 40°F. Store material under dry conditions. For best results before spraying, rolling, or applying by brush, condition material to 70°F or higher.

CAUTION

"A" Component—WARNING! Contains epoxy resin. May cause skin irritation or allergic response. Avoid contact with skin. Avoid breathing vapor when heated. In case of skin contact, wash thoroughly with soap and water. In case of ingestion, do not induce vomiting.

"B" Component—DANGER! Causes severe burns. Contains alkaline amines. Strong sensitizer. Avoid skin contact. Avoid breathing vapor when heated. Wear protective gloves, goggles and barrier creams. In case of skin contact, wash thoroughly with soap and water. In case of ingestion, induce vomiting. If irritation persists, seek medical attention.

FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

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