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


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.