

HIGH BUILD COAL TAR EPOXY

Product Data Sheet (Revised 0/03/22)

PRODUCT CODE

60-1206

DESCRIPTION

A high solids, high build, two component coating, consisting of a coal tar component and an epoxy resin component which must be mixed together before application. This product has excellent chemical and salt resistance. There is the additional benefit of having two Part A resin systems. The first one is for normal weather conditions (10C - 32C, 50F - 90F). The second is a cold cure winter grade product which sets up nicely in the temperature range of (0C - 10C, 32F - 50F) and can be used at higher temperatures for faster set times.

RECOMMENDED USE

Suitable for protection of underground tanks, concrete, submerged steel in salt water, or lining for brine, sour crude holding tanks and mud tanks.

COLOUR: Black**COVERAGE:** (pot mix)

Summer grade 1010 ft²/U.S.Gal. at 1 mil.

Winter grade 1072 ft²/U.S.Gal. at 1 mil

SOLIDS: (pot mix)

Summer grade: 63% by volume. Winter grade: 67% by volume.

WEIGHT: (pot mix)

Summer grade 1.22 Kg/L. Winter grade 1.21 Kg/L

FLASH POINT: -4°C, 25F (all components)

SURFACE PREPARATION: Steel: The surface should be cleaned by a method suitable to the primer specified (if primer is required). Use either an Epoxy Red Lead Primer or Zinc Rich Primer. Do not apply coal tar epoxy over standard alkyd primers. Where a primer is not required, a SSPC-SP-6 blast is recommended for maximum performance from the coating.

Concrete: Wire brush the surface to remove powdery accumulation or dirt. No other primer is required. **Non-**

Ferrous metals: Apply one coat of FerroCon 50-1619/20 Vinyl Wash Primer to clean non-oily metal before application of coal tar epoxy.

DISCLAIMER

The technical data furnished above by the Consolidated Coatings Company is provided for information purposes only and is, to the best of our knowledge. Since application methods and conditions are beyond our control, we cannot offer a guarantee or warranty, representation, or condition, express or implied, whether arising by statute, by operation of law, or otherwise, (including merchantability or fitness for a particular purpose) with respect to this product and we assume no responsibility or liability of any kind for coverage, performance or damage (whether arising from negligence of the

Note - Primers are recommended for all immersion conditions. For normal atmospheric exposure, priming is not considered necessary on steel or concrete.

MIX RATIO: Mix 1 volume of Part A (Summer or Winter grade) to 1 volume of Part B and mix thoroughly. Allow approximately 1/2 hour induction time then mix again before application. Mixed material has a 4-5 hour pot life. Discard mixtures after 5 hours.

APPLICATION: Apply by brush, roller or spray. Airless spray recommended. For spray, use Fluid hose - 1/2 in I.D. Binks 18 or 623 - tip 67, cap 67PB. DeVilbiss MBC or UGA - tip D, cap 64. Airless - 0.031 tip with reversible tip. 30:1 ratio, 2400psi tip pressure.

APPLICATION CONDITIONS:

The surface to be painted must be clean, dry and free of oil, grease and other contamination. The temperature should be between 10C (50F) and 32C (90F) and for summer grade and 0C (32F) and 25C (78F) for winter grade. Maximum relative humidity - 85%. May be used over epoxy primers or directly to clean steel.

THINNING: Air atomizing - 9 parts, by volume, coating to 1 part CCC 85-0310 Epoxy Reducer. Airless - as required with CCC 85-0310 Epoxy Reducer.

RECOMMENDED FILM THICKNESS: Standard coating, 6-8 mils dry per coat.

High build coating 15 - 20 mils dry per coat.

DRY TIMES: Dust free - 2 hours. To handle - 6 hours. To recoat - 8 hours at 20C (68F). Note - if recoating after 48 hours, the surface should be roughened slightly to improve bonding. Pot life 3-5 hours depending on mass and temperature.

CLEAN UP: Use CCC 85-0310 Epoxy Reducer.

SAFETY: Please refer to the Material Safety Data Sheet for information on the safe handling of this product.

PRODUCT CODES:

60-1205 Coal Tar Epoxy Part A (Winter Grade)

60-1206 Coal Tar Epoxy Part A (Summer Grade)

60-1207 Coal Tar Epoxy Part B (Reactor for both grades)

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