EPOPROTECK COAL TAR BLACK 3905

Epoxy anticorrosive epoxy coal tar



Product Description

LP Epoprotek Coal Tar Black 3905 is a cycloaliphatic amine cured high molecular weight, high build two pack epoxy coal tar. This product is based on inert anticorrosive pigments & high quality tar ideal to achieve dry film thickness up to 400 microns in single coat. This product has hard wearing, excellent resistance to immersion in salt and fresh water as well as crude oil, very high film builds up, excellent adhesion, high opacity, chemical & abrasion resistance and long durability.

Typical Use

It is recommended for protection of manholes, cargo and ballast tanks, ships bottoms, jetties and any submerged or splash zone structures. For the external protection of buried or exposed pipelines. Can be used on suitably prepared concrete substrates specially at drainage areas for long lasting protection.

Technical Data

% Solids By Volume 68 +/- 2 Colour Black Gloss @ 60 G. H. Matt Specific Gravity (Density/WPL) kg/L Flash Point 226°C VOC gm/L (A+B) \$86 Max Min STD	o/ C 1: 1 D 14/ : 1 / (20/24)	77 . / 2			
Colour Gloss @ 60 G. H. Matt Specific Gravity (Density/WPL) kg/L Flash Point 226°C VOC gm/L (A+B) S86 Max Min STD Theoretical Coverage m²/L 6.8 1.7 2.7 Dry Film Thickness (DFT in microns) Wet Film Thickness (WFT in microns) Mixing Ratio 4 Parts Base & 1 Part Hardener Thinner Intake 30 - 40% for air spray and 0 - 10% for airless spray (Epoxy Thinner #30) Pot Life @ 30°C 4 Hours Drying Characteristics @ 30°C & ≤85% Humidity Surface Dry 50 - 80 Minutes 8 Hours 4 Hours 60 - 80 Minutes 8 Hours Full Cure (Min.) Recoating Time (Min.) Recoating Time (Max.) Shelf Life & Storage Keep the containers in a dry, cool, well ventilated space and away from direct sunlight, sources of heat and ignition. Containers must be always kept tightly closed.	% Solids By Weight (NVM)	77 +/- 2			
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Issued on : Jan'21

Revision : 0

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Application Guidelines

• Surface Preparation:

Substrate shall be clean. Traces of dust, rust, wax, oil, grease, loose particles, flakes and other contaminants shall be removed with the use of proper cleaning solvent as mentioned in the SSPC-SP1. Light sanding with abrasive material is recommended, resulting dust should be removed properly. Surface to be recoated should clean thoroughly before application.

Paint System:

Epoprotek Coal Tar Black 3905 - 1 or 2 coats

Application Tools:

Conventional Air Spray : Recommended. Add up to 25% - 35% thinner
 Brush or Roller : Care should be taken to achieve recommended DFT.

• Air Pressure: 40 – 50 bar

• Tip Size of spray gun: 1.6 – 2.0mm

· Ensure adequate ventilation while spraying and drying

• Substrate temperature must be 3°C above dew point

Health & Safety Measures

(Recommended to Read this section before application)

Keep out of reach of children

Recommended to wear overalls, safety goggles and solvent mask while spraying

Avoid contact with skin and eyes.

First-Aid

> Eyes : Immediately flush eyes with water and seek medical help

> Skin : Use soap & water or appropriate cleaner

> Inhalation : Allow to breath fresh air, loose the neckline and keep him/her rested

Ingestion : Obtain medical help without asking for omitting

Disclaimer

The data provided in this sheet is given to the best of our knowledge and based on laboratory testing and practical experience. We cannot guarantee anything but the product since the conditions and methods during application vary. We reserve the right to change the given data without prior notice. The product data sheet supersedes those previously issued.

For more information, contact our Liberty Paints Representative or go to www.libertypaintsarabia.com or reach to us on support@libertypaintsarabia.com

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