

TECHNICAL DATASHEET

EPOXY COAL TAR

PRODUCT DESCRIPTION

A two pack high build coal tar epoxy coating for use as a high build protective system on both steel and concrete surfaces. It can be applied up to 200 microns or even thicker in one coat. It is recommended to be used in aggressive environments to provide optimal corrosion protection.

PRODUCT BENEFITS

- 1- Strong adhesion
- 2- Long-term protection
- 3- Outstanding chemical resistance
- 4- Mechanical & Abrasion resistance
- 5- Excellent anti-corrosion protection
- 6- Excellent water immersion resistance to fresh and salt water
- 7- Excellent toughness

RECOMMENDED USES

Designed to protect steel and concrete surfaces that are subject to fresh and salt water, chemical and industrial fumes.

It is ideal for use in sewage and waste plants, refineries and in the chemical industry plants in general. It is also used for underground water tanks, pipes, dams, and other mild steel structures.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Technology	Epoxy
Physical State	Viscous Liquid
Appearance	Comp. A Viscous Liquid Comp. B Liquid Ratio 2:1 Base: hardener

Pot Life Two Components- requires mixing
4-6 hours @ 25°C

Color Black

Temperature @ 25°C
Relative Humidity 60%

Component A

Specific Gravity, ISO 2811 1.3 ± 0.05 g/cm³
Viscosity, ISO 2884 15 – 17 poises

Component A+B

Drying Time, ASTM D 5895 2-4 hours
Recoat Time 8- 12 hours

Sag Resistance, ASTM D 3730 Excellent
Leveling, ASTM D 2801 Excellent

Chemical Properties

Solids by Weight 70-75%
Solids by Volume 55-60%

SURFACE PREPARATION & PRIMING

All surfaces to be painted must be clean and dry. Be sure to remove all wax, silicone, oil, powdery or scaling rust, loose or peeling paint and all other contaminants. All loose particles should be removed by brushing scraping or acid etching. Smooth surfaces should be sanded to promote adhesion.

FERROUS METALS: A completely de-rusted surface is recommended.

MIXING/THINNING/APPLYING

No priming is required. It is a self-priming product.

Combine phase A (base) with phase B (Hardener) according to the ratio base: catalyst 2:1 by weight.

Keep the mixing for 5 – 10 min before use.

Thin the mixture with Thinner epoxy with a dilution up to 30%

Apply one coat on the substrate.
Clean tools and equipment with solvent immediately after use.

CAUTION

Flammable Liquid and Vapor

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5U.S.G.) = 20L

Each container is supplied with its appropriate pack of relative hardener.

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.