



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# **POLYAMINE CURED SOLVENT FREE EPOXY COAL TAR NZ-546**

## **| Product Description**

**NZ-546** is a solvent free two component coal tar epoxy with very high performance.

## **| Recommended Use**

As a very high performance protective coating is used for protection of steel & concrete in very highly aggressive conditions such as underwater parts of ships & offshore & sewage plant, pipe lining, ballast tanks, storage tanks & any other areas that need to very thick layers of this compound.

## **| Outstanding Characteristics**

- Excellent corrosion preventive properties
- Very high water resistance
- Very good chemical resistance
- Suitable being applied in very thick layer over than 5000 microns

## **| Surface Preparation**

Surface should be clean, dry and free from oil, grease, dust and mill scale by solvent cleaning or high pressure fresh water and finally sand blasting up to Sa2½ or SSPC-SP10.

## **| Technical Data**

<b>Finish</b>	Flat, semi-flat
<b>Color</b>	Black, brown
<b>Solid by volume</b>	99±1%
<b>Specific Gravity</b>	1.50±0.10 gr/cm <sup>3</sup>
<b>Flash point</b>	65 °C
<b>Recommended D.F.T.</b>	5 -10 mm
<b>Theoretical coverage</b>	0.12 - 0.07 m <sup>2</sup> /kg Practical coverage depends on loss factor
<b>Touch dry</b>	3 hrs. at 20 °C
<b>Fully cured</b>	7 days at 20 °C
<b>Thermal resistance</b>	Max. 140 °C (dry exposure)
<b>Shelf life</b>	12 months at 25 °C
<b>Package</b>	20 & 4 liter containers

## **| Application Details**

<b>Application method</b>	Airless spray, Trowel
<b>Surface temperature</b>	10-45 °C
<b>Mixing ratio</b>	Refer to the can label
<b>Cleaner</b>	NZT-500/4
<b>Pot Life</b>	2 hrs. at 20 °C
<b>Recoat interval</b>	Min 24 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure
<b>Nozzle orifice</b>	0.021"-0.023"
<b>Nozzle pressure</b>	200 bar/2900 psi Airless spray is indicative and subject to adjustment
<b>Application condition</b>	Apply only on a dry and clean surface with a temperature 3 °C above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

**Note:** Film thickness may be specified in another film thickness than indicated depending on purpose and area of use. This will alter the spreading rate and may influence the amount of thinning necessary, drying time and recoating interval.

**Safety:** Handle with care. Before and during use, observe all safety labels nst possible risks of fire or explosions as well as protection of the environment.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Neginzereh-pars Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Neginzereh-pars representative to obtain the most recent Product Data Information and Application Bulletin. The Neginzereh-pars Company warrants our products to be free of manufacturing defects in accord with applicable Neginzereh-pars quality control procedures.