



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMINE CURED EPOXY HIGH BUILD COAL TAR NZ-544

| Product Description

NZ-544 is a high build two component, corrosion preventing tar-epoxy polyamine cured coating.

| Recommended Use

For protection of steel and concrete in highly aggressive conditions e.g. Marine piling, buoys, barges, sewage plant, pipe lining, bottom of oil storage tanks, ballast tanks, ships bottom paints where a thick film is needed.

| Outstanding Characteristics

- Excellent rust preventing
- Chemical resistance against hydrochloric acid, sodium hydroxide, salt water and sour crude oil
- Applicable in high film thickness

| 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

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|-----------------------------|-------------------------------------------------------------------------|
| Finish | Semi-flat, semi-gloss |
| Color | Dark brown, black |
| Solid by volume | 85±3% |
| Specific Gravity | 1.35±0.10 gr/cm ³ |
| Flash point | 26 °C |
| Recommended D.F.T. | 100-150 microns |
| Theoretical coverage | 6.1-4.4 m ² /kg Practical coverage depends on loss factor |
| Touch dry | 5 hrs. at 20 °C |
| Fully cured | 7 days at 20 °C |
| Thermal resistance | Max. 140 °C (dry exposure) |
| Shelf life | 12 months at 25 °C |
| Package | 20 & 4 liter containers |

| Application Details

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|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application method | Air/Airless spray, Brush, Roller |
| Surface temperature | 10-45 °C |
| Mixing ratio | Refer to the can label |
| Thinner/cleaner | NZ-500 |
| Pot Life | 2 hrs. at 20 °C |
| Recoat interval | Min 24 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure |
| Nozzle orifice | 0.021"-0.023" |
| Nozzle pressure | 200 bar/2900 psi Airless spray is indicative and subject to adjustment |
| Application condition | Apply only on a dry and clean surface with a temperature 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 on packaging and paint containers. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against 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 NEGINEREH-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 NEGINEREH-PARS representative to obtain the most recent Product Data Information and Application Bulletin. The NEGINEREH-PARS Company warrants our products to be free of manufacturing defects in accord with applicable NEGINEREH-PARS quality control procedures.