



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMINE CURED EPOXY (FOR POTABLE WATER TANKS) NZ-540

| Product Description

NZ-540 is a durable coating based on a two component, solvent free polyamine cured epoxy. It has been specially formulated to provide a durable coating system for contact with water and complies with BS 6920 & AWWA C210 for human consumption.

| Recommended Use

As an internal coating of steel pipe and tanks exposed to potable water.

| Outstanding Characteristics

- Excellent water resistance
- Excellent chemical resistance against weak acids and alkalis
- Corrosion resistance in moderately to severely marine & industrial environment
- Excellent adhesion to steel

| Surface Preparation

The surface must be clean and dry, and free from any other foreign materials old primed surfaces must be sweep blasting to achieve roughness for better inter coat adhesion.

| Technical Data

Finish	Semi-gloss to glossy
Color	White, light green
Solid by volume	99±1 %
Specific Gravity	1.45±0.05 gr/cm ³
Flash point	100 °C
Recommended D.F.T.	400-500 microns
Theoretical coverage	2.5-2.0 m ² /lit Practical coverage depends on loss factor
Touch dry	3 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

| Application Details

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-40 °C
Mixing ratio	Refer to the can label
Cleaner	Not recommended
Pot Life	6 min. at 60 °C
Recoat interval	Min 8 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure
Nozzle orifice	0.027"-0.035"
Nozzle pressure	250 bar/3650 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 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.