



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMINE CURED SOLVENT FREE EPOXY PRIMER NZ-536

Product Description

NZ-536 is a two component, high solids polyamine cured, epoxy primer. It has good resistance to mineral oils, fresh and salt water spillage and immersion. It has a hard and tough coating with anti-corrosive pigment and inert extenders.

Recommended Use

As a heavy duty and high solid coating in epoxy system used in steel exposed to chemicals and as a lining in fresh and salt water tanks and storage tanks for oils and mild chemicals. It is used as a solvent free primer in both marine and industrial environments. The abrasive resistance of this primer allows it to be used as a lining for slurries or a coating for concrete in high wear services or a coating for concrete in high wear services.

Outstanding Characteristics

- High Build and about 100% solid content
- Excellent resistance to fresh and salt water
- Excellent barrier properties
- High performance coating
- Suitable as a resistant coating for splash zones such as mineral oils, chemicals sea water and immersion purposes

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.

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.

Technical Data

Finish	Flat
Color	Light gray
Solid by volume	99±1%
Specific Gravity	1.45±0.10 gr/cm ³
Flash point	65 °C
Recommended D.F.T.	200-300 microns
Theoretical coverage	3.2-2.4 m ² /kg Practical coverage depends on loss factor
Touch dry	2 hrs. at 20 °C
Fully cured	5 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

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-45 °C
Mixing ratio	Refer to the can label
Cleaner	NZT-500/4
Pot Life	2 hrs. at 20 °C
Recoat interval	Min 16 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure
Nozzle orifice	0.017"-0.021"
Nozzle pressure	150 bar/2175 psi Airless spray is indicative and subject to adjustment
Application condition	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.