



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMINE CURED EPOXY SOLVENT FREE PIPE GUARD NZ-542

| Product Description

NZ-542 is a solvent free two component, modified epoxy polyamine coating for underground pipe linings. This product has a high resistance against cathodic disbanding even at high temperature.

| Recommended Use

As a solvent free epoxy coating with excellent chemical & mechanical properties, good adhesion to steel & suitable for coating chemical products containers & industrial or marine structures.

| Outstanding Characteristics

- Excellent mechanical strength
- High chemical resistance against weak acids and alkalis
- High oil resistance
- Applicable in high film thickness
- Good resistance to splash, spillage & fumes of acids, alkalis, fresh solvents & sea water

| Surface Preparation

The surface must be clean, dry, and free from any other foreign materials.

| Technical Data

Finish	semi-gloss
Color	Upon request
Solid by volume	98±2%
Specific Gravity	1.45±0.10 gr/cm ³
Flash point	100 °c
Recommended D.F.T.	500-1500 microns
Theoretical coverage	1.3-0.5 m ² /kg Practical coverage depends on loss factor
Touch dry	4-5 hrs at 20 °c
Hard Cured	16-18 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	Drum

| Application Details

Application method	Hot/Airless spray, dual hot spray system
Surface temperature	10-45 °c
Mixing ratio	Refer to the can label
Pot Life	20-30 min. at 20 °c 2-5 min. at 60 °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	0.019"-0.025"
Nozzle pressure	250 bar/3600 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.

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.