



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# **POLYAMINE CURED EPOXY PHENOLIC PRIMER NZ-538-M**

## **Product Description**

**NZ-538-M** is a two component, high performance polyamine cured, phenolic epoxy (Novolac) paint, Which cures to a coating with excellent resistance to a wide range of chemicals.

## **Recommended Use**

As a protective coating in industrial and marine structures over concrete or metal surfaces, especially as a tank lining. Resistant to a variety of chemicals, fuel oils and solvents. As a general purpose is suitable for lining storage tanks ship tanks exposed to immersion of varieties of chemicals.

## **Outstanding Characteristics**

- Excellent oil resistance
- Excellent chemical resistance against acids and alkalis
- Corrosion resistance in moderately to severely environment
- Suitable for steel and concrete exposed to splash, spillage, fumes of corrosive chemical
- Suitable as a lining in storage tanks for immersion and splash of sea water for immersion service of chemicals in liquid types.

## **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**

<b>Finish</b>	Flat
<b>Color</b>	Upon request
<b>Solid by volume</b>	60±3%
<b>Specific Gravity</b>	1.40±0.10 gr/cm <sup>3</sup>
<b>Flash point</b>	31 °C
<b>Recommended D.F.T.</b>	100-120 microns
<b>Theoretical coverage</b>	6.3-4.8 m <sup>2</sup> /lit Practical coverage depends on loss factor
<b>Touch dry</b>	1 hour at 20 °C
<b>Fully cured</b>	7 days at 20 °C
<b>Thermal resistance</b>	Max. 160 °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>	Air/Airless spray, Brush, Roller
<b>Surface temperature</b>	10-50 °C
<b>Mixing ratio</b>	Refer to the can label
<b>Thinner/cleaner</b>	NZT-500/6-M
<b>Pot Life</b>	2 hrs. at 20 °C
<b>Recoat interval</b>	Min 24 hrs. at 20 °C Max 14 days at 20 °C Recoating intervals related to later conditions of exposure
<b>Nozzle orifice</b>	0.017"-0.021"
<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 above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.