



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# **POLYAMINE CURED SOLVENT FREE EPOXY HIGH-GUARD ABRASION RESISTANT NZ-587**

## **| Product Description**

**NZ-587** is a high guard abrasion resistant polyamine cured solvent free epoxy coating is two components that cures to a hard, abrasion resistant, protective coating.

## **| Recommended Use**

As a heavy duty coating on steel and concrete exposed to severe corrosive conditions such as splash zones, decks and ramps.

## **| Outstanding Characteristics**

- As a heavy-duty coating.
- As a high-guard Abrasion resistant.
- As a chemical resistant.
- As a corrosion resistant in severely marine environments
- As a moisture resistant and suitable for damp concrete substrates.

## **| Surface Preparation**

Steel: Surface should be degreased and roughened to Sa 2½ and for very severe service conditions, abrasive grit blasting to white metal sa3 can be necessary.

Concrete: After 28 days of drying and with humidity content below 4% and surface treatment must be done by abrasive, flame cleaning and acid etching and other mechanical treatment.

**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>	Semi-flat, Semi-gloss
<b>Color</b>	Gray, Green
<b>Solid by volume</b>	99±1%
<b>Specific Gravity</b>	1.90±0.10 gr/cm <sup>3</sup>
<b>Flash point</b>	60 °C
<b>Recommended D.F.T.</b>	2-2.5 mm
<b>Theoretical coverage</b>	0.25-0.22 m <sup>2</sup> /kg Practical coverage depends on loss factor
<b>Touch dry</b>	8 hrs. at 20 °C
<b>Fully cured</b>	7 days at 20 °C
<b>Thermal resistance</b>	Max. 140 °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>	Special piston pump
<b>Surface temperature</b>	10-45 °C
<b>Mixing ratio</b>	Refer to the can label
<b>Cleaner</b>	NZT-500/4
<b>Pot Life</b>	1 hrs. at 20 °C
<b>Recoat interval</b>	Min 24 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure
<b>Application condition</b>	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.