



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# **POLYAMINE CURED EPOXY SEALER NZ-524.1**

## **| Product Description**

**NZ-524.1** is a two components, polyamine cured epoxy sealer. It has excellent rapid cure properties, even at low temperatures, offers very good chemical resistance, and provides excellent adhesion on wet or otherwise unprepared surfaces and green concrete.

## **| Recommended Use**

As a sealer coat on metal and concrete surfaces and as an intermediate coat on zinc silicate to minimize popping.

## **| Outstanding Characteristics**

- Excellent penetration
- High chemical and solvent resistance
- With the proper topcoat it withstands splash or spillage of water
- Excellent adhesion on wet and green concrete.

## **| Surface Preparation**

Sand blasting for unprimed surfaces to standard of Sa 2½, SIS 05 5900, ISO 8501-1. For previously primed surfaces With NZ-736, the surface must be clean and dry.

## **| Technical Data**

<b>Finish</b>	Gloss
<b>Color</b>	Colorless
<b>Solid by volume</b>	40±3%
<b>Specific Gravity</b>	0.95±0.05 gr/cm <sup>3</sup>
<b>Flash point</b>	30 °C
<b>Recommended D.F.T.</b>	20-30 microns
<b>Theoretical coverage</b>	21.5-13.7 m <sup>2</sup> /kg
Practical coverage depends on loss factor	
<b>Touch dry</b>	4 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>	Air/Airless spray, Brush, Roller
<b>Surface temperature</b>	10-45 °C
<b>Mixing ratio</b>	Refer to the can label
<b>Thinner/cleaner</b>	NZT-500
<b>Pot Life</b>	2 hrs. at 20 °C
<b>Recoat interval</b>	Min 16 hrs. at 20 °C Max 1 days at 20 °C Recoating intervals related to later conditions of exposure
<b>Nozzle orifice</b>	0.017"-0.021"
<b>Nozzle pressure</b>	150 bar/2175 psi Airless spray is indicative and subject to adjustment
<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.

**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.