



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMIDOAMINE ADDUCT CURED EPOXY COATING NZ-523

| Product Description

NZ-523 is a two component; polyamidoamine adducts cured epoxy coating.

| Recommended Use

As an adhesion promoter to all types of wet, damp and difficult to wet substrates such as concrete substrates and also as a solvent-free or low solvent coating (high solids) for heavy duty corrosion protection.

| Outstanding Characteristics

- Very good water leaching prevention of concrete surface in tunnels
- Outstanding adhesion to wet concrete surfaces
- Very good corrosion resistance on blasted steel surfaces
- Very good chemical resistance
- Use as self-primer coating

| Surface Preparation

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

| Technical Data

Finish	Semi-flat, semi-gloss
Color	Upon request
Solid by volume	80±3%
Specific Gravity	1.50±0.10 gr/cm ³
Flash point	31 °C
Recommended D.F.T.	100-300 microns
Theoretical coverage	5.2-1.8 m ² /kg Practical coverage depends on loss factor
Touch dry	3 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	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
Thinner/cleaner	NZT-500
Pot Life	8 hrs. at 20 °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	0.017"-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.

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.