



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMINE CURED EPOXY HIGH BUILD ABRASION RESISTANT NZ-583

Product Description

NZ-583 is a two component, high build polyamine cured epoxy coating containing siliceous oxide as reinforcing ingredient.

Recommended Use

As a high build, high performance protective coating in aggressive environment over concrete or metal surfaces where a non-skid & abrasion resistant surface is needed.

Outstanding Characteristics

- Excellent abrasion resistance
- Excellent chemical resistance against weak acids and alkalis
- Corrosion resistance in moderately to severely marine & industrial environment

Surface Preparation

Surface should be free from oil, grease, dust and mill scale by solvent cleaning or high pressure fresh water hosing and finally sand blasting up to Sa2½ or SSPC-SP10.

Technical Data

Finish	Semi-flat, Semi-gloss
Color	Upon request
Solid by volume	85±3%
Specific Gravity	1.50±0.10 gr/cm ³
Flash point	32 °C
Recommended D.F.T.	150-250 microns
Theoretical coverage	3.7-2.3 m ² /kg Practical coverage depends on loss factor
Touch dry	8 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	2 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.