



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMINE CURED EPOXY PHENOLIC TOPCOAT NZ-591

Product Description

NZ-591 is two component, polyamine cured epoxy phenolic topcoat.

Recommended Use

As a protective coating in industrial and marine structures on concrete or metal surfaces.

Resistant to a variety of chemicals, fuel oils & solvents.

As a general purpose is suitable for lining storage tanks ship tanks exposed to immersion, splash sea water.

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, on sub state exposed to immersion and splash of sea water

Surface Preparation

The surface must be clean and dry .All dirt, grease, dust, salt and any other foreign materials should be removed.

Old coated surfaces must be roughened slightly.

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

Finish	Semi-flat, Semi-gloss After exposure to heat the gloss is reduced
Color	Upon request After exposure to heat the color is changed
Solid by volume	65±3%
Specific Gravity	1.30±0.10 gr/cm ³
Flash point	30 °C
Recommended D.F.T.	100-150 microns
Theoretical coverage	4.9-3.4 m ² /kg Practical coverage depends on loss factor
Touch dry	2 hrs. at 20 °C
Hard dry	24 hrs at 20 °C
Fully cured	7 days at 20 °C
Thermal resistance	Max. 160 °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-500/6
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	200 bar/2900 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.