



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# POLYAMINE CURED SOLVENT FREE EPOXY CLADDING NZ-588

## Product Description

**NZ-588** is a two component solvent free epoxy cladding, used the protection of steel structures in the off shore and marine industry.

## Recommended Use

As a solvent free epoxy coating with excellent chemical & mechanical properties, is suitable for coating on tidal splash areas of offshore structures and pilings. Abrasion resistant non-skid cladding for decks, mudroom floors, chemical storage areas, walkways & helidecks on offshore structures. Applied in fabrication yards on new structures & on in-place structures.

## Outstanding Characteristics

- Excellent mechanical strength
- High chemical resistance against weak acids and alkalis.
- Provides an abrasion, tough and impact resistant.
- High oil resistance
- Applicable in high film thickness
- Good resistance to splash, spillage & fumes of acids, alkalis, fresh solvents & sea water

## Surface Preparation

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

Based on applicator experiences good bonding is attained in surface profile (roughness) 75 microns.

**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	Rough
Color	Gray
Solid by volume	99±1%
Specific Gravity	1.95±0.10 gr/cm <sup>3</sup>
Flash point	24 °C
Recommended D.F.T.	1500-4500 microns
Theoretical coverage	0.32-0.12 m <sup>2</sup> /kg Practical coverage depends on loss factor
Touch dry	2 hrs. at 20 °C
Hard dry	10 hrs. at 20 °C
Fully cured	3 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	Special pump and spray gun
Surface temperature	10-45 °C
Mixing ratio	Refer to the can label
Cleaner	NZT-500/4
Pot Life	1 hrs. at 20 °C
Recoat interval	Min 10 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure
Nozzle orifice	0.019"-0.025"
Nozzle pressure	250 bar/3600 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.