



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMINE CURED SOLVENT FREE EPOXY (UNDER WATER CURE) NZ-588.1

| Product Description

NZ-588.1 is a two component solvent free epoxy which can be applied underwater and will cure underwater to give a corrosion and abrasion resistant coating.

| Recommended Use

As a hand-applied repair compound for application to submerged steelwork and splash zone areas of offshore jackets, piling and other permanently wet areas where conventional coatings cannot be used.

| 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. When applying to bare steel substrates below water or in permanently wet conditions, the surface should be prepared by power discing with a carborundum disc or by needle gun to achieve a clean, roughened surface in accordance with SSPC-SP11 Power Tool Cleaning

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 ³
Flash point	24 °C
Recommended D.F.T.	2000-5000 microns
Theoretical coverage	0.24-0.11 m ² /kg Practical coverage depends on loss factor
Touch dry	1 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 putty knife
Mixing ratio	Refer to the can label
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
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.