



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

SURFACE TOLERANT MASTER BOND EPOXY NZ- 580-M

Product Description

NZ-580-M is a two component Surface Tolerant master bond epoxy which is high solid & high build epoxy mastic paint.

This product exhibits excellent adhesion to practically all sorts of substrates and possesses high degree of chemical and water resistance.

Recommended Use

Suitable For use on metal and concrete marring and industrial structures. As well as on board touch-up, repair and maintenance work and full refurbishment of cargo hold, and where good resistance to abrasion, spillage of mineral oils and sea water is need.

Outstanding Characteristics

- Good chemical resistance against weak acids and alkalis
- Good water resistance
- Very good hardness & tough properties
- Very good adhesion & wetting properties
- Very High anti-corrosive properties
- Good Hardness
- Very good appearance as top coat
- Extended recoat interval
- Good adhesion on aged coating

Surface Preparation

Coating for use on a wide variety of Surfaces including Hand Or Power Tool Cleaned and rusty Steel. 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.

Technical Data

Finish	Gloss, semi-gloss
Color	Light gray, red brown
Solid by volume	85±3%
Specific Gravity	1.40±0.10 gr/cm3
Flash point	35 °c
Recommended D.F.T.	100-150 microns
Theoretical coverage	8.8-5.5 m ² /lit Practical coverage depends on loss factor
Touch dry	4 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	10-50 °c
Mixing ratio	Refer to the can label
Thinner/cleaner	NZT-500-M
Pot Life	2 hrs. at 20° c
Recoat interval	Min 10 hrs. at 20° c Max Extended Recoating intervals related to later conditions of exposure
Nozzle orifice	0.017"-0.023"
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 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.

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