



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMINE CURED EPOXY MASTIC NZ-579

Product Description

NZ-579 is a two component, high solid & high build epoxy mastic which is polyamine cured. This product exhibits excellent adhesion to practically all sorts of substrates and possesses high degree of chemical and water resistance.

Recommended Use

Suitable for metal and concrete surfaces in marine and industrial environments. 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

Surface Preparation

The substrate to be puttied must be clean, dry and free from oils, grease, rust and other foreign matters. Removing of surface imperfections and rough sanding may be necessary to get better adhesion.

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	Gloss, semi-gloss
Color	Light gray, Red brown
Solid by volume	80±3%
Specific Gravity	1.45±0.10 gr/cm ³
Flash point	35 °C
Recommended D.F.T.	150-200 microns
Theoretical coverage	3.6-2.9 m ² /kg Practical coverage depends on loss factor
Touch dry	6 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	Knife ,Airless spray
Surface temperature	10-50 °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"-0.023"
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 3 °C above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.