NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYAMIDE CURED EPOXY MIO HIGH BUILD, HIGH SOLID NZ-533.1

Product Description

NZ-533.1 is a two component, polyamide cured, and high build epoxy coating containing micaceous Iron oxide.

Recommended Use

As a special coating on marine environments such as deck, hulls, super structures and tank exteriors, structural steel, chemical plants, refineries, petrochemical plant zones, offshore platforms & other structures exposed to sever Weathering, soft water, salt spray, immersion or aggressive Chemical environments.

Outstanding Characteristics

-Excellent chemical & water resistance.
-Excellent durability in both marine & industrial environments.
-Excellent adhesion on substrates such as steel galvanized steel, aluminum & concrete surfaces.
-Has an outstanding performance with high build dry film thickness, from 150-200 microns

Surface Preparation

The surface must be clean, dry and free from any other foreign materials. Old primed surfaces must be mildly sweep blast to provide inter coat adhesion.

Technical Data

Finish	Flat, semi-flat
Color	Light gray
Solid by volume	70±3%
Specific Gravity	1.50±0.10 gr/cm^3
Flash point	31 °C
Recommended D.F.T.	150-200 microns
Theoretical coverage	3.0-2.1 m^2/kg 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	10-45 °C
Mixing ratio	Refer to the can label
Thinner/cleaner	NZT-500
Pot Life	8 hrs. at 20°C
Recoat interval	Min 3 hrs. at 20°C Max 24 days at 20°C Recoating intervals related to later conditions of exposure
Nozzle orifice	0.017"-0.021"
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.

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.

Ver.01, 2025