



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

HIGH SOLID GLASS FLAKE EPOXY COATING NZ-525

Product Description

NZ-525 is a two component, polyamine cured, low VOC high solid glass flake epoxy coating.

Recommended Use

As a low VOC epoxy coating with excellent chemical and mechanical properties, suitable for marine structures.

It protects both steel and concrete structures in severe environments including marine structures, petroleum and heavy industrial facilities.

Outstanding Characteristics

- Excellent mechanical strength
- High resistance against crude oil
- High chemical resistance against weak acids and alkalis
- Applicable in high film thickness
- High sea water resistance or use in splash and tidal zone

Surface Preparation

The surface must be clean and dry. All dirt, grease, mill scales and any other foreign materials should be removed by solvent cleaning and high pressure fresh water then blast cleaning up to Sa2½ or SSPC-SP10.

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	Semi-flat, semi-gloss
Color	Limited
Solid by volume	90±3%
Specific Gravity	1.50±0.10 gr/cm ³
Flash point	38 °C
Recommended D.F.T.	300-600 microns
Theoretical coverage	1.9-1.0 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	Airless spray
Surface temperature	10-45 °C
Mixing ratio	Refer to the can label
Thinner/cleaner	NZT-500/5
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	0.023"-0.027"
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.