NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

VINYL ESTER GLASS FLAKE NZ-882

Product Description

NZ-882 is a two component, low VOC high build glass flake vinyl ester coating.

Recommended Use

-Vinyl ester coatings are used in severely corrosive environments as following:
-Neutralizing tanks with a pH of 1 to 13
-Chimney liner where high sulfur coal is used as a fuel, producing sulfuric acid, temperature from 82 to 93 °C.
-Duct work in flue gas desulphurization systems from scrubber to stack, where sulfuric acid is produced.
-Truck trailers transporting various wastes.

Outstanding Characteristics

-Most frequently used for severe corrosion services
-Shrinkage resistance coating
-Excellent mechanical strength
-High resistance against crude oil
-High chemical resistance
-Applicable in high film thickness
-High sea water resistance

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.
The concrete surfaces must be free from any foreign materials such as dust, chalk and laitance and should be cleaned by hand tool and power tool facilities.

Technical Data

Finish	Semi-gloss, Gloss
Color	Limited color
Solid by volume	100%
Specific Gravity	1.50±0.10 gr/cm^3
Flash point	38 °C
Recommended D.F.T.	500-1000 microns
Theoretical coverage	1.2-0.7 m^2/kg Practical coverage depends on loss factor
Touch dry	6 hrs. at 20°C
Hard dry	24 hrs. at 20°C
Fully cured	7 days at 20°C
Shelf life	6 months at 25°C
Package	20 & 4 liter container

Application Details

Application method	Airless spray, twin feed airless spray
Surface temperature	10-40 °C
Mixing ratio	Single Pack
Cleaner	NZT-800/2
Pot Life	1 hour at 20°C
Recoat interval	Min 2 hrs. at 20°C Max 3 days at 20°C Recoating intervals related to later conditions of exposure
Nozzle orifice	0.043"-0.047"
Nozzle pressure	275 bar/4000 psi Airless spray is indicative and subject to adjustment
Application condition	Apply only on a dry and clean surface with a temperature 3ºC 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