



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

POLYURETHANE TOPCOAT NZ-641

Product Description

NZ-641 is a two component, aliphatic isocyanate cured polyurethane topcoat.

Recommended Use

As a protective finish coat for protection of structural steel in severely corrosive atmospheric environment where light-fastness and gloss retention, attractive appearance and high corrosion resistance are required such as chemical plants, pulp & paper mills, off-shore platforms, petroleum refineries and containers.

Outstanding Characteristics

- Excellent corrosion resistance
- High weather and chemical resistance
- Excellent gloss and color retention
- Easy to clean
- Excellent UV resistance

Surface Preparation

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

Technical Data

Finish	Semi-gloss, Gloss
Color	Upon request
Solid by volume	58±3%
Specific Gravity	1.3±0.10 gr/cm ³
Flash point	30 °C
Recommended D.F.T.	30-60 microns
Theoretical coverage	14.5-7.6 m ² /kg Practical coverage depends on loss factor
Touch dry	2 hrs. at 20 °C
Fully cured	7 days at 20 °C
Thermal resistance	Max. 120 °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-600
Pot Life	6hrs. at 20 °C
Recoat interval	Min 16 hrs. at 20 °C Max :None 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.

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.