



NEGIN ZEREH Co.

Industrial, Marine, Water Base, Architectural Paint

ALKYD URETHANE IRON OXIDE PRIMER NZ-201.1

Product Description

NZ-201.1 is a relatively quick drying red iron oxide primer based on alkyd urethane.

Recommended Use

As a general purpose primer for protection of steel in mild to medium atmospheric corrosive environments.

Outstanding Characteristics

- Fast drying corrosion resistance
- Suitable above water service
- As a general purpose primer on steel structures
- Has a good humidity resistance
- Excellent spray ability

Surface Preparation

The surface must be clean, dry and free from rust, mill scale, salt and any other contaminants.

Abrasive blasting should be done to minimum Sa 2 (equal to SSPC-SP6) for better protection and achieve to good adhesion.

Technical Data

Finish	Flat
Color	Red-brown
Solid by volume	50±3%
Specific Gravity	1.40±0.10 gr/cm ³
Flash point	38 °C
Recommended D.F.T.	40-60 microns
Theoretical coverage	8.8-6.0 m ² /kg Practical coverage depends on loss factor
Touch dry	2 hrs. at 20 °C
Hard dry	24 hrs. at 20 °C
Fully cured	7days at 20 °C
Thermal resistance	Max. 100 °C (dry exposure)
Shelf life	12 months at 25 °C
Package	20 liter container

Application Details

Application method	Air/Airless spray, Brush ,Roller
Surface temperature	10-45 °C
Mixing ratio	Single Pack
Thinner/cleaner	NZT-200
Pot Life	N/A
Recoat interval	Min 24 hrs. at 20 °C Max 30 days at 20 °C Recoating intervals related to later conditions of exposure
Nozzle orifice	0.019"-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.