



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# VINYL ETCHING (WASH) PRIMER NZ-814

## Product Description

**NZ-814** is a two component etch primer based on polyvinyl butyral and corrosion inhibitive pigments as well as phosphoric acid.

## Recommended Use

As a pre-construction primer and suitable for nonferrous surfaces such as galvanized, steel and aluminum, to improve performance of subsequent coats.

## Outstanding Characteristics

- Excellent adhesion to nonferrous surfaces
- Fast drying, permitting immediate handling
- High corrosion resistance
- Compatibility with a wide range of topcoats

## Surface Preparation

The surface must be clean, dry and free from rust, mill scale, salt and any other contaminants by solvent cleaning or high pressure fresh water jet. Abrasive blasting to cleanliness minimum Sa 2½ or SSPC-SP10 for better protection and achieve to good adhesion is more appropriate.

## Technical Data

Finish	Flat
Color	yellow
Solid by volume	10±2%
Specific Gravity	0.95±0.10 gr/cm <sup>3</sup>
Flash point	12 °C
Recommended D.F.T.	5-10 microns
Theoretical coverage	22.9-9.4 m <sup>2</sup> /kg Practical coverage depends on loss factor
Touch dry	15 min. at 20 °C
Hard dry	1 hrs. at 20 °C
Thermal resistance	Max. 80 °C (dry exposure)
Shelf life	3 months at 25 °C
Package	20 & 4 liter container

## Application Details

Application method	Air/Airless spray, Brush
Surface temperature	10-40 °C
Mixing ratio	Single Pack
Thinner/cleaner	NZT-800/1
Pot Life	4 hrs. at 20 °C
Recoat interval	Min 24 hrs. at 20 °C Max 2 days at 20 °C Recoating intervals related to later conditions of exposure
Nozzle orifice	0.013"-0.015"
Nozzle pressure	75 bar/1100 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.