



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# CHLORINATED RUBBER ZINC CHROMATE PRIMER NZ-414

## Product Description

**NZ-414** is a physically drying, modified chlorinated rubber based primer, containing zinc chromate as rust preventing pigment. It is used on steel structures in moderately to severely corrosive environment.

## Recommended Use

As a water resistant primer in underwater and above water systems such as ship hulls, decks & super structure, off shores structures, steel structures and piping in chemical plants, refineries, bridges and cranes.

## Outstanding Characteristics

- Excellent water resistance
- Durability in severe marine atmosphere
- Good penetration
- Easy repair

## 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 2½ (equal to SSPC-SP10) for better protection and achieve to good adhesion.

## Technical Data

Finish	Flat
Color	Yellow, green, Gray
Solid by volume	45±3%
Specific Gravity	1.30±0.10 gr/cm <sup>3</sup>
Flash point	24 °C
Recommended D.F.T.	40-60 microns
Theoretical coverage	8.6-5.8 m <sup>2</sup> /kg Practical coverage depends on loss factor
Touch dry	15 min. at 20 °C
Hard dry	2 hrs. at 20 °C
Thermal resistance	Max. 60 °C (dry exposure) Non-Continuous Max. 65 °C
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-400
Pot Life	N/A
Recoat interval	Min 6 hrs. at 20 °C Max indefinite 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.