



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# **POLYURETHANE TOPCOAT NZ-631.2**

## **Product Description**

**NZ-631.2** is a two component, acrylic 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

## **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**

<b>Finish</b>	Flat, Semi-flat
<b>Color</b>	Upon request
<b>Solid by volume</b>	48±3%
<b>Specific Gravity</b>	1.40±0.10 gr/cm <sup>3</sup>
<b>Flash point</b>	30 °C
<b>Recommended D.F.T.</b>	40-60 microns
<b>Theoretical coverage</b>	8.5-5.8 m <sup>2</sup> /kg Practical coverage depends on loss factor
<b>Touch dry</b>	2 hrs. at 20 °C
<b>Fully cured</b>	7 days at 20 °C
<b>Thermal resistance</b>	Max. 120 °C (dry exposure)
<b>Shelf life</b>	12 months at 25 °C
<b>Package</b>	20 & 4 liter containers

## **Application Details**

<b>Application method</b>	Air/Airless spray, Brush, Roller
<b>Surface temperature</b>	10-45 °C
<b>Mixing ratio</b>	Refer to the can label
<b>Thinner/cleaner</b>	NZT-600
<b>Pot Life</b>	6 hrs. at 20 °C
<b>Recoat interval</b>	Min.16 hrs. at 20 °C Max. None Recoating intervals related to later conditions of exposure
<b>Nozzle orifice</b>	0.017"-0.021"
<b>Nozzle pressure</b>	150 bar/2175 psi Airless spray is indicative and subject to adjustment
<b>Application condition</b>	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.