



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# SILICONE ALUMINIUM NZ-713.2

## Product Description

NZ-713.2 is a heat resistant, aluminum pigmented coating based on pure silicone and modified silicone resin. Fully curing of coating can be formed only under a temperature of 200 °C for at least one hour.

## Recommended Use

For long-term protection of hot surfaces such as smoke stacks, exhaust pipes, hot pipelines and other steel surfaces subjected to temperature up to 650 °C.

## Outstanding Characteristics

- High temperature resistance
- Withstanding extreme thermal shocks
- Excellent recoat ability without curing between coats
- Good corrosion and weather resistance
- Design for heat resistance at 650°C

## Surface Preparation

Surface should be clean and free from oil, grease, dust, salt and any other contaminants by washing with suitable detergent then washing by high pressure fresh water and consequently blast cleaning up to Sa2½ or SSPC-SP10.

## Technical Data

Finish	Shiny
Color	Aluminum
Solid by volume	32±2%
Specific Gravity	1.10±0.10 gr/cm <sup>3</sup>
Flash point	25 °C
Recommended D.F.T.	40-50 microns
Theoretical coverage	7.1-6.0 m <sup>2</sup> /kg Practical coverage depends on loss factor
Touch dry	4 hrs. at 20 °C
Fully cured	At least one hour at 200 °C
Thermal resistance	Max. 650 °C (dry exposure)
Shelf life	12 months at 25 °C
Package	20 liter containers

## Application Details

Application method	Air spray, Brush
Surface temperature	10-45 °C
Mixing ratio	Single pack
Thinner/cleaner	NZT-700/2
Pot Life	N/A
Recoat interval	Min 24 hrs. at 20 °C Max indefinite Recoating intervals related to later conditions of exposure
Nozzle orifice	0.013"-0.015"
Nozzle pressure	125 bar/1800 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.