



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

## **PURE SILICONE ALUMINIUM NZ-713-M**

### **| Product Description**

**NZ-713-M** is a heat resistant, aluminum pigmented coating based on pure 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 600 °C.

### **| Outstanding Characteristics**

- High temperature resistance
- Withstanding extreme thermal shocks
- Excellent recoat ability without stoving between coats
- Good corrosion and weather resistance

### **| 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**

<b>Finish</b>	Shiny
<b>Color</b>	Aluminum
<b>Solid by volume</b>	32±2%
<b>Specific Gravity</b>	1.10±0.05 gr/cm <sup>3</sup>
<b>Flash point</b>	25 °C
<b>Recommended D.F.T.</b>	20-40 microns
<b>Theoretical coverage</b>	17.0-7.5 m <sup>2</sup> /lit Practical coverage depends on loss factor
<b>Touch dry</b>	4 hrs. at 20 °C
<b>Fully cured</b>	At least one hour at 200 °C
<b>Thermal resistance</b>	Max. 600 °C (dry exposure) Non-Continuous Max. 650 °C
<b>Shelf life</b>	12 months at 25 °C
<b>Package</b>	20 liter containers

### **| Application Details**

<b>Application method</b>	Air/Airless spray
<b>Surface temperature</b>	10-50 °C
<b>Mixing ratio</b>	Single pack
<b>Thinner/cleaner</b>	NZT-700/2
<b>Pot Life</b>	N/A
<b>Recoat interval</b>	Min 24 hrs. at 20 °C Max indefinite Recoating intervals related to later conditions of exposure
<b>Nozzle orifice</b>	0.019"-0.021"
<b>Nozzle pressure</b>	125 bar/1800 psi Airless spray is indicative and subject to adjustment
<b>Application condition</b>	Apply only on a dry and clean surface with a temperature 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.

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