

HEAT RESISTANT PAINT 550°C



This paint is a mixture of altered silicone resin and heat resistant pigments, featuring outstanding heat resistance. It also has superior adhesiveness and can be used on ferrous and non-ferrous metals.

Usage	Mufflers for motorcycles and automobiles
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Specification

Paint type	Silicone resin		
Product features	Superior resistance against peeling, swelling, cracks, and discoloration even at a high temperature		
Specific gravity (25 °C)	1.1 - 1.2	Applied materials	Steel, SUS
Recommended primer	Heat Resistant 550 °C ZINC RICH PRIMER	Dilution viscosity	15 - 18 seconds (25 °C) / Ford Cup No.4
Recommended thickness of dried film	20 - 30 μm	Theoretical Coverage	10 - 12 m^2/ℓ (25 μm)
Recommended wet film thickness	40 - 60 μm	Color	Black
Drying temperature	At least 20 minutes at 180°C (based on material surface temperature)	Shelf life	12 months

How to Use

Surface treatment	<ol style="list-style-type: none">1) Completely remove oil, moisture, sand, dust and foreign substances from the surface.2) Use a blasting cleaner Sa2.5 or SSPC SP10 (20 - 30 μm) to remove rust, dust, oil, and other completely. Not removing them may cause defects (in some steel or SUS objects).3) Please beware that the product cannot resist high temperature on the surface treated with chemical conversion coating (ex. Iron phosphate, zinc phosphate).
Coating Method	<ol style="list-style-type: none">1) Adequately dilute the base with thinner and stir sufficiently for at least 10 minutes.2) Please filter out dust or impurities with 200 mesh paint strainer to prevent poor appearance.3) The surface temperature of the object to be coated should be at least 2.5 °C above the dew point in order to prevent condensation, and the temperature of the object appropriate for painting is 15 - 25 °C.4) Paint sufficiently to make sure that the dry film thickness is 20 - 35 μm and paint several times rather than painting all at once if conditions permit.5) Force dry in 180 - 190°C for at least 20 minutes after 5-10 minutes of set time.
Other	Heat resistant paint may generate swellings or air pockets on the surface after curing when painted to a thickness above the recommended film thickness.

NOROO 노루페인트