

DNH-400F

Heat-resistant 400°C top coat (silicone)



This paint is made by mixing pure silicone resin and is a heat-resistant top coat designed to withstand metal surface temperatures below 400°C. It is excellent in heat resistance, bending resistance, quenching and adhesion.

Usage

Boiler, engine, stovepipe, radiator (heavy duty coating)

Specification

Paint type	Silicone			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	40 minutes	20 minutes	10 minutes
	Dry-hard	4 hours	2 hours	1 hour
	Over-coat (Min.)	10 hours	5 hours	3 hours
Thinner	DR-630	Dilution ratio	▷ Brush, roller coating: less than 5%	
Specific gravity	Approx.1.05		▷ Air spray coating: less than 5%	
Theoretical Coverage	14.5 m ² /ℓ (1 time - 20μm)	Solid volume ratio	Approx.29±1%	
Color	Silver, black	Thickness of dried film	20μm	
Gloss	Silver - Metallic Gloss	Flash point	Approx. 27°C	
	Black - Matte	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

How to Use

Surface treatment	<ol style="list-style-type: none">1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated.2. Sufficiently dry the surface to be coated.3. After primer coating, clean up the welded areas (blackened and rusted areas) with a disc sander. Then, touch up with this paint and continue coating.
Coating Method	<ol style="list-style-type: none">1. Coating can be done by either brush, roller, air spray coating. - Store the coating equipment after cleaning with an exclusive thinner immediately after use.
Preceding & Follow-up Coating	<ol style="list-style-type: none">1. Preceding coating : DNH-400P HEAT-RESISTANT 400°C primer (Silicone)
Remarks	<ol style="list-style-type: none">1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.2. If the dry film thickness is too thick, the coating may be peeled. So, please be careful of coating management.3. Due to the nature of the paint, it cannot be completely dried at room temperature, and a fully cured coating can be formed only under a temperature of 200°C for at least one hour.