

DNH-200F(E)

Heat-resistant 200°C top coat (silicone alkyd)



This paint is made by mixing silicone alkyd resin and pigments with excellent heat resistance and anti-corrosive properties. It is a heat-resistant top coat designed to withstand metal surface temperatures of up to 300°C. It has good adhesion and excellent bending resistance and impact resistance. It is widely used for new and repair painting in boilers and other structures that require heat resistance.

Usage

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

Specification

Paint type	Silicone alkyd			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	20 minutes	10 minutes	5 minutes
	Dry-hard	4 hours	2 hours	1 hour
	Over-coat (Min.)	20 hours	10 hours	7 hours
Thinner	DR-306	Dilution ratio	▷ Brush, roller coating: less than 5%	
Specific gravity	Approx.1.05		▷ Air spray coating: less than 5%	
Theoretical Coverage	14.4 m ² /ℓ (1 time - 25μm)	Solid volume ratio	Approx.36±1%	
Color	Silver, other colors	Thickness of dried film	25μm	
Gloss	Silver - Metallic Gloss	Flash point	Approx. 27°C	
	Other colors - 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 or airless spray coating. <p>- Store the coating equipment after cleaning with an exclusive thinner immediately after use.</p>
Preceding & Follow-up Coating	<ol style="list-style-type: none">1. Preceding coating : DNH-300P(E) HEAT-RESISTANT 300°C primer (Silicone alkyd)
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. Do not use the silicone acrylic type as a heat-resistant top coat. The silicone acrylic type results in wrinkles or peeling of the coating.4. 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.