DNH-600F

Heat-resistant 600℃ 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 of up to 600℃. It is excellent in heat resistance, adhesion, bending resistance, and oil resistance. It is widely used for new and repair painting on boilers and other structures that require heat resistance.

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

Specification

Paint type	Silicone

Drying time

Category	5℃	20℃	30℃
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% ▷Air spray coating: less than 5%
Specific gravity	Approx.1.06		
Theoretical Coverage	14.5 ㎡/ℓ (1 time - 20㎛)	Solid volume ratio	Approx.29±1%
Color	Silver, black	Thickness of dried film	20㎛
Gloss	Silver - Metallic Gloss	Flash point	Approx. 27℃
	Black - Matte	Shelf life	12 months (Dry, cool, and dark place with good ventilation)

How to Use

Surface treatment	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	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	1. Preceding coating : DNH-600P HEAT-RESISTANT 600℃ primer (Silicone)
Remarks	1. If the dry film thickness is too thick, the coating may be peeled. So, please be careful of coating management. 2. 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℃ for at least one hour.