

# SILVER COAT(L) (ALUMINUM PAINT)

## DNU-210

This paint is a 1K aluminum paint manufactured by blending boiled oil, petroleum resin and leafing type aluminum pigment. Heat Resistance (up to 100 °C). It is an oxidative drying paint that is mainly used for outdoor silver coating for the purpose of reflection of heat rays and prevention of water permeation with good weather resistance, water resistance and adhesion.

Usage

Aluminum paint for steel structures

### Specification

Paint type	Boiled oil, petroleum resin / Top coat			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	4 hours	2 hours	1 hour
	Dry-through	10 hours	6 hours	4 hours
	Time required for re-coating (min.)	18 hours	12 hours	8 hours
Specific gravity	Approx. 1.0		Solid volume ratio	Approx. 43%
Theoretical Coverage	14~16m <sup>2</sup> /ℓ (1time - 25μm)		Thickness of dried film	25μm
Color	Silver color		Shelf life	12 months (Dry, cool, and dark place with good ventilation)
Mixing ratio	One-component			
Gloss	Glossy			
Dilution ratio	No dilutio			

### Product Properties (Physical Property Data)

Film property	Heat resistance (up to 100°C), weather resistance, humidity resistance, and adhesion are superior.
Excellent workability	Workability is excellent.
Appearance	The condition of dry film appearance is excellent.

### How to Use

Surface treatment	<ol style="list-style-type: none"><li>1. Completely remove rust, oil, dust and other contaminants from the surface of the substrate. It is recommended to paint after applying ready mixed/enamel anti-corrosive undercoat 1-2 times to the surface where rust or oil and other contaminants from the surface of the substrate are completely removed.</li><li>2. The surface to be coated must be clean. The surface temperature should be at least 3°C higher than the dew point to avoid the condensation of water, and the relative humidity should be less than 85%.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Brush, roller coating</li><li>2. Airless spray coating :<ul style="list-style-type: none"><li>- Tip diameter : 1.3 ~ 1.5 mm</li><li>- Injection pressure : 2 ~ 5 Pa</li><li>- Spray time : 2 ~ 3times(back and forth)</li></ul>(Airless spray data are for reference only, and it is adjusted according to the coating conditions.)</li><li>3. Coating conditions : The surface of the substrate must be clean. The surface temperature should be at least 3°C higher than the dew point to the relative humidity should be less than 85%.</li></ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"><li>1. Preceding coating : Alkyd anti-corrosive primer</li></ol>
Remarks	※ It is a KS mark product corresponding to KSM-6020 class 3.