

CLEAN GUARD CU



Ceramic urethane top coat

This paint is a ceramic urethane top coat with excellent chemical stability and suitable for top coat on interior and exterior walls of buildings, tunnels and various steel structures due to its strong coating film, adhesion, weather resistance, chemical resistance and stain resistance.

Usage

Tunnel, building interior/exterior, steel structures and concrete, steel surfaces of various industrial facilities

Specification

Paint type	Ceramic urethane / Top coat (non-yellowing type) (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set to Touch	1 hour	30 minutes	20 minutes
	Dry-Hard	24 hours	18 hours	12 hours
	Over-coat (Min.)	48 hours	18 hours	12 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Maturation time	30 minutes	20 minutes	10 minutes
	Pot life	6 hours	5 hours	3 hours
Thinner	DR-700	Dilution ratio	▷ Brush, roller coating: less than 5% ▷ Airless, spray coating: less than 10%	
Specific gravity	Approx. 1.2 (based on white color)	Solid volume ratio	Approx. 50±1%	
Theoretical Coverage	6.25 m ² /ℓ (2 coats - 80μm)	Thickness of dried film	80μm	
Color	White, other colors	Flash point	At least 24°C	
Mixing ratio	Base(A)/Hardener(B)=7/1(weight ratio)	Shelf life	12 months (well-ventilated dry, cold and dark location)	
Gloss	Glossy			

Product Properties (Physical Property Data)

Weatherability	Weatherability or weather resistance is excellent in environmental conditions of exterior exposure.
Excellent film properties	It has a strong film, adhesion and chemical resistance.
Fire safety	Satisfaction of highway construction material quality standards(stain-resistant coating materials)

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. 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, or airless spray coating.2. Airless spray coating:<ul style="list-style-type: none">- Tip diameter : 0.017"~0.021"- Injection pressure : 2500 P.S.I or higher(176kg/cm²)- Store the coating equipment after cleaning with an exclusive thinner immediately after use.3. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.4. For one coat, about 40μm is appropriate, and if a thick coating is formed during one coat, sagging, bubbling, and popping may occur.
Preceding & Follow-up Coating	<ol style="list-style-type: none">1. Preceding coating : Epoxy, urethane type