

# CLEAN GUARD FU



## PVDF (Polyvinylidene Fluoride) paint top coat

This paint is an extremely weather resistant, air drying, fluorine resin paint with excellent chemical safety and suitable for interior and exterior walls of buildings, tunnels and various steel structures due to excellent weather resistance, chemical resistance(acid, alkali) and stain resistance.

Usage

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

### Specification

Paint type	Air-drying PVDF (Polyvinylidene Fluoride) / Top coat (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set to Touch	2 hours	1 hour	40 minutes
	Dry-Hard	20 hours	8 hours	6 hours
	Over-coat (Min.)	32 hours	12 hours	8 hours
	Over-coat (Max.)	10 days	7 days	5 days
	Maturation time	1 hour	30 minutes	20 minutes
	Pot life	8 hours	5 hours	3 hours
Thinner	DR-4000, DR-4000(S)	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	37±1%	
Theoretical Coverage	8.86 m <sup>2</sup> /ℓ (2 coats - 50μm)	Thickness of dried film	50μm (2 coats)	
Color	White, other colors (The nature of this paint may be subject to color restrictions.)	Shelf life	12 months (well-ventilated dry, cold and dark location)	
Mixing ratio	Base(A)/Hardener(B)=7/1(weight ratio)	Gloss	Glossy/semi-gloss/matte	

### Product Properties (Physical Property Data)

Weather resistance	Weatherability or weather resistance is excellent in environmental conditions of exterior exposure.
Stain resistance	It is a paint with excellent stain 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"><li>1. Completely remove oil, moisture, sand, dust and foreign substances from the surface.</li><li>2. Sufficiently dry the surface to be coated.</li><li>3. The welded parts and corners need to be cleaned before coating.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Coating can be done by either brush, roller, or airless spray coating.</li><li>2. Airless spray coating:<ul style="list-style-type: none"><li>- Tip diameter : 0.017"~0.021"</li><li>- Injection pressure : 2500 P.S.I or higher(176kg/cm<sup>2</sup>)</li><li>- Store the coating equipment after cleaning with an exclusive thinner immediately after use.</li></ul></li><li>3. 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><li>4. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.</li></ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"><li>1. Preceding coating : Epoxy, urethane type</li></ol>