

URECOAT 100

Modified Urethane Primer

Ureacoat 100, mainly composed of urethane resin, has excellent abrasion, corrosion, chemical, water and oil resistance with superior adhesion making it the perfect primer for concrete facilities.

Usage

Primer for concrete

Application Procedure

1. Surface Preparation

Prepare the surface free from any loose cement, dust, Oil, moisture and other contaminants.
Do surface treatment(blast) at the high compressive-strength concrete surface to secure adhesion.

2. Environmental conditions

Air temperature : 10~35°C
Surface temperature : Dew Point over 3°C
Surface moisture content : up to 6%
Relative humidity : up to 80%

3. Application Equipment

Roller, Brush

4. Safety precautions

- 1) Keep away from heat and open flames
- 2) Avoid eye and excessive skin contact
- 3) Surface temperature must be at least 3°C above the dew point to prevent moisture condensation.
- 4) It is not permitted to work in condition of rainy, high humidity (80%~), and low temperature(below 5°C) day (It lead to problem of curing and adhesion)
- 5) When coating thickness is thick, adhesion is lower than normal coating thickness.
- 6) Don't use the thinner including alcohol, or paints won't cure.

5. Warning notice

Please consult our enclosed here with warning notice.

6. Typical Systems

Intermediate : URECOAT 205, URECOAT 215,
URECOAT 255, etc.

Top Coatings : URECOAT 300

Physical data

Finish	Glossy		
Colors	Clear		
Applied over	Mortal, and concrete		
Components	1		
Volume solid(%)	33±3%		
Recommended dry film thickness	50μm		
Coats	1~2		
Theoretical coverage	6.6L/m ² (@ D.F.T. 50 μm) Allow for application losses and surface irregularities.		
Thinner	Up to 10% (URETHANE 1000 Thinner, T-1021)		
Shelf life	12months (When stored indoors at 5~35°C)		
	10°C	20°C	30°C
Set to touch(min)	30	20	10
Curing time(hr)	12	6	4
Absolutely dry(day)	3	2	2
Recoatble(hr)	16~48	8~48	6~48