

### ONE COMPONENT POLYURETHANE PRIMER COATING

#### INTRODUCTION

KP-L(Poly Urethane Primer) is a one-component high-performance paint using the reaction with active hydrogen of Polyisocyanate and Polyol. As a clear primer for the penetration of the surface of the concrete, increases the adhesion of paint and concrete.

#### FEATURES

- One Component type moisture curing system.
- The effect of reinforcement of the concrete surface and preventing moisture from surface is increase.
- Painting is simple and adhesion is excellent.



#### APPLICATION METHOD

- Concrete : It is used to clean concrete surface being dried during the 28th after casting concrete, at room temperature.
- Condition : ① Temperature : 5~32°C  
② Relative humidity: 30~85%
- Dilution ratio : Please do not use thinner as possible.
- Application Method : Please painted brush,roller or spray.
- Pot life (hrs) :  $\geq 4$  (20°C)
- Curing Time : Tacky free time(hrs) :  $\leq 1$  (20°C)
- Curing time (hrs) :  $\leq 24$  (20°C)
- Recoat interval (hrs) : 4~24 (20°C)

#### THEORETICAL COVERAGE

0.2 ~ 0.3 kg/m<sup>2</sup> (Based on 1m<sup>2</sup>)

#### TYPICAL PROPERTIES

ITEM	RESULT	TEST METHOD
Drying Time	Within 10 min	KS M 5000:2014
Solid Contents (105±2) °C3h)	Over 35%	KS M 5000:2014
Viscosity ((25±1)°C)(*)	Over 20 mPa.s	KS M 3705:2015

## SAFETY PRECAUTIONS

- Shall be made to the work under sufficient ventilation and please wear respiratory protective equipment when working in an enclosed space.
- Only use the designated urethane thinner. Don't use the thinner from other company or containing alcohol (epoxy thinner, lacquer thinner etc) because they cause bad hardening.
- Keep away from fire and direct sunlight. Keep in a dry and cool place of 5~35°C and store the remains after using in the airtight container. The product exposed to the air may cause the increase in viscosity and internal hardening in case of storage for long period.
- If absorption of primer is heavy, you may need to paint more than once. But, You may peeling phenomenon occurs when you paint too much.
- If necessary, You can mix with cement (ratio : KP-L(Poly Urethane Primer)/cement = 1/1). It indicates excellent adhesion.

### NHÀ PHÂN PHỐI

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