



Technical Data Sheet

(PC-100)

STARKEMER CO., LTD.



PC-100

(One Component Primer for Asphalt Concrete)

Overview of Product

PC-100 is One component Polyurethane Primer which is curing by moisture and apply for Asphalt Concrete with Polyurethane coating system. It has superior workability with low viscosity and high bonding strength, waterproofing with Asphalt concrete.

General Characteristics

- One component liquid, Moisture curing type.
- Flash point : Min 35°C
- Drying time

	5°C	20°C	30°C
Tack-free time	2 hours	1 hour	30 min
High fired drying	8 hours	6 hours	4 hours
Coating time(Min)	8 hours	6 hours	4 hours
Coating time(Max)	2 days	1 day	1 day

- Specific Gravity : 1.01 (Transparent color)
- Viscosity : 100 ±200cps (25°C)
- Consumption rate : 0.3kg/m² (200μm)
- ※ Please do not mixing with any kinds of Thinner (Toluene, Xylene etc...)

Application specifications

- Surface treatment : New applied Asphalt Concrete must be drying minimum 3 weeks over due to it has too much oil on surface.
 - Take off any kinds of dust, water, sand and oils on the surface of Asphalt concrete.
- Application
 - Full mixing before use.
 - We do not recommend use any kinds of diluent or thinner with PC-100.
If you need to mixing with diluent or thinner, Please mixing 1% below.
- Application method : Exclusive rake and Spaula.
- Application system
 - 1st layer : Asphalt Primer (PC-100)
Concrete Primer (PP-100)
 - 2nd layer : PU soft type (WP-220S)
PU semi hard type (WP-220)
 - Top coating : PU top coating (TOP-1)

- Storage : Six months (dry, cool, and dark place with good ventilation)
- Packing Unit : 17kg
- Remarks : The product is a 1-liquid moisture-curing product should dry, cool and dark place with good ventilation.
 - When the prime coat PC-100 film contact with moisture, adhesion strength with main layer may be reduced therefore, additional painting work should be performed after treatment of the filmes with sanding prior to painting work.
 - Avoid application works 5°C below temperature and 85% over humidity.
 - Complete drying time: 7 days after applied top coating.

※ All data are based on laboratory testing and practical experience. The information is believed to be accurate, however without any obligation.