



## Normal Solvent Base 1K Primer For PP Substrate

# 『PLANET PP PRIMER K-3』

### ◇Feature

#### 1) Adhesion strength

It can be painted directly without special pretreatment (flame treatment, corona discharge, UV irradiation etc.) and has excellent adhesion.

#### 2) Manufacturability

Easy to handle due to 1 liquid type paint.  
After painting, top coating can be done without forced drying.

#### 3) Durability

Excellent secondary adhesion such as water resistance and moisture resistance.

### ◇Standard Coating Specification

Item	Coating Specification
Mixing Ratio	Paint /Thinner : 100 / 50
Viscosity	10 ~ 14 sec.
	Ford cup #4 20 °C
Standard Film Thickness	15 μm
Flush Off Condition	Approx 5 min.
Standard Drying Conditions	80 °C × 30 min.

### ◇Applicable Substrate / Standard Thinner

Substrate	Standard Thinner
PP	PLANET THINNER #302

### ◇Coating Film Performance

Substrate : PP

Test Item	Result	Test Condition
Adhesion	100/100 OK	1mm cross-cut Peeling by cellophane adhesive tape
Water resistance	100/100 OK	40°C hot water × 240h immersion Adhesion test
Humidity resistance	100/100 OK	50°C · 98%RH × 240h Adhesion test
Impact resistance	OK	Du Pont impact tester 1/2 inch 500gf × 50cm
Bending resistance	OK	1inch
Volatile oil resistance	OK	No.1 volatile oil 20°C × 24h immersion
Gasoline resistance	100/100 ○	Regular gasoline 20°C × 30min.
Accelerated weathering resistance	OK	SWOM 1000h

※TOP COAT for the above evaluation : PLANET PZ-II METALLIC SILVER

### ◇Application / Adoption History

- Exterior applications for automobile
- Optical instruments
- Home appliances, consumer electronics and telecommunications

- Please dilute this paint with exclusive thinner, then thoroughly stir and use filtration.
- Coating specification may change depending on the material grade, type and spraying equipment.
- The film performance is evaluation results under our company's standard specification, and it is not a guarantee for all the results.
- Please contact our Sales Dept. as below if you have any inquiries or questions

**Contact: Origin Co., Ltd. Chemitronics Div. Sales Dept. Tel: +81-42-557-4113**