



Sunscreen Resistance Environmentally Friendly 1K Paint

『ECONET VZ-2』

◇Feature

1) Environmentally friendly paint

Doesn't contain specific VOC materials which are regulated by Ministry of Health, Labor and Welfare and Japan Automobile Manufacturers Association.

2) Sunscreen resistance

It has a sunscreen property higher than conventional one-component paint.

3) Excellent color designability

It has good metallic orientation and design with high metallic feeling.

◇Standard Coating Specification

Item	Coating Specification
Mixing Ratio	Paint / Thinner : 100 / 120
Viscosity	10 ~ 14 sec.
	Ford cup # 4 20 °C
Standard Film Thickness	15 μm
Flush Off Condition	Approx 5 min.
Standard Drying Conditions	70 °C × 30 min.

◇Applicable Substrate / Standard Thinner

Substrate	Standard Thinner
ABS	ECONET THINNER V2 #55
PC	
PMMA	

◇Coating Film Performance

Substrate : ABS

Test Item	Result	Test Condition
Pencil hardness	OK	Mitsubishi Uni (HB or higher)
Adhesion	100/100 OK	1mm cross-cut Peeling by cellophane adhesive tape
Humidity resistance	100/100 OK	50°C · 95% RH × 500 h Adhesion test
Impact resistance	OK	DuPont impact tester, 1/2 inch 300 gf, 50 cm
Abrasion resistance	OK	Dry cloth, stroke 10 cm 2 kgf, 200 cycles
Print resistance	OK	Gauze, 70 °C × 3h 500 gf, Φ 40 mm
Animal fat and oil resistance	OK	Commercially available animal fat and oil 2.0 g / 100 cm ² 80°C × 168 h
Cosmetic resistance (1)	OK	Commercially available hair tonic 1.0 g / 100 cm ² 80°C × 168 h
Cosmetic resistance (2)	OK	Commercially available suntan lotion 0.5 g / 100 cm ² 55°C × 4 h
Accelerated light resistance	OK	FOM 400h

◇Application / Adoption History

- Interior applications for automobile
- Medical equipments
- Optical instruments

- 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