



High Gloss Environmentally Friendly 2K Paint

『ECONET EB』

◇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) Excellent glossiness

Can achieve highgloss, DOI (Depth Of Image) coating film, and also high quality, metallic look

3) Solvent resistance

Offer excellent solvent resistance required by automobile exterior parts.

◇Standard Coating Specification

Item	Coating Specification
Standard Hardener	POLYHARD SD
Mixing Ratio	Paint / Hardener / Thinner : 40 / 10 / 20
Viscosity	10 ~ 15 sec.
	Ford cup # 4 20 °C
Standard Film Thickness	20 μm
Flush Off Condition	Approx 5 min.
Standard Drying Condition	80 °C × 30 min.

◇Applicable Substrate / Standard Thinner

Substrate	Standard Thinner
ABS	ECONET THINNER #1055 PLANET THINNER #D260
PC/ABS	
PC	PLANET THINNER #D722

◇Coating Film Performance

Substrate : ABS

Test Item	Result	Test Condition
Pencil hardness	HB	Mitsubishi Uni
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
Heat resistance	100/100 OK	80°C × 500h Adhesion test
Impact resistance	OK	Du Pont impact tester 1/2inch 500gf × 30cm
Abrasion resistance	OK	Taber abrasion 2.5N × 100cycles
Alcohol resistance	OK	99.5% Ethanol 1kgf/cm ² 20times (back and force)
Print resistance	OK	Gauze, 70°C × 2h 500gf × Φ40mm
Accelerated weathering resistance	OK	SWOM 2000h

◇Application / Adoption History

- Interior and exterior applications for automobile
- Home appliances, consumer electronics and telecommunications
- Optical instruments
- Medical equipment

- 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