

## YKU-100 under Product manual

Available material : Metal material  
Curing condition : Heat drying  
Main application : Under coating for reflective mirror  
Feature : High heat resistance  
Resin type : Epoxy



### Coating application

Item		Evaluation criteria
How to paint		Spray
Dry film thickness		20±5 μm
Paint formulation		YKU-100 A : YKU-100 B = 2 : 1
Dry condition	Setting	5 minutes
	Temp/Time	250°C×30 minutes

### Performance

◇Following test preparation condition

YKU-100 coating to anodized ADC.

After vacuum deposition Aluminum, evaluate Initial and heat resistance.

Test water & moisture resistance and thermal cycling by only YKU-100.

Test item	Test condition	Material	Appearance	Adhesion
Initial	Appearance evaluation Test of adhesion	Aluminum material	Passed	100/100
Heat resistance	250°C × 24H Visually and adhesion evaluation(Cross cut)	Aluminum material	Passed	100/100
Warm water resistance	40°C × 24H Visually and adhesion evaluation(Cross cut)	Aluminum material	Passed	100/100
Moisture resistance	50°C-98%RH × 24H Visually and adhesion evaluation(Cross cut)	Aluminum material	Passed	100/100
Thermal cycling	(80°C-90%×2h ⇔ -40°C×2h) × 10cycling Visually and adhesion evaluation	Aluminum material	Passed	100/100

※The above test results are the evaluation of our testing machine, we do not guarantee the coating film performance during use.

※Performance is depending on the top coat, please confirm kind of top coat before use.

※Scotch tape : Adhesion test used by NICHIBAN (wide:24mm)

※Expiration date : 6 months from manufacture (storage condition : less than 40°C)

※Packing size : A liquid . . . 15KG

B liquid . . . 4KG

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