

UV-23R under Product manual

Available material : Zinc plating Iron plate
Uniqllo plating
Curing condition : UV curing
Main application : Under coating for reflective mirror
Feature : Adhesion with metal material
Resin type : Acrylic



Coating application

Item		Evaluation criteria
How to paint		Spray
Dry film thickness		$20 \pm 3 \mu\text{m}$
Paint formulation		UV-23R : UV-23TNK = 100 : 6
Dry condition	Setting	30 seconds ~ 1 minutes
	Temp/Time	$60^{\circ}\text{C} \times 5 \text{ minutes}$
UV condition	Lamp type	High pressure mercury vapor lamp 80w/cm
	Integrated of light	$1400\text{mj}/\text{cm}^2$ (recommend)

Performance

◇Following test preparation condition

UV-23R coating, After that vacuum deposition Aluminum.

Also painting TOP coat on after vacuum deposition plate.

Test item	Test condition	Material	Appearance	Adhesion
Initial	Appearance evaluation Test of adhesion	Iron plate	Passed	100/100
Heat resistance	$160^{\circ}\text{C} \times 1\text{H}$ Visually and adhesion evaluation(Peel test without cut)	Iron plate	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)

※Precautions : In case of UV integrated of intensity is high range,
There is possible to decrease performance of coating film

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

※Packing size : UV-23R . . . 15KG
UV-23TNK . . . 900G

TOYO KOGYO TORYO CO., LTD.

ADRESS: 2-4-22 TAJIRI, ICHIKAWA-SHI CHIBA-KEN, 272-0014 JAPAN

TEL:81-47-379-2235 E-mail: eigyou@toyo-jupiter.co.jp