



# KOT-100 CLEAR

## Technical Data Sheet

### INTRODUCTION

This paint is a urethane one-component paint, which is a high-temperature baking-type transparent paint exclusively for non-ferrous metals that exhibits excellent adhesion to plating surfaces, stainless, etc., water resistance, chemical resistance, and corrosion resistance.

### SOLVENT COMPOSITION

- Urethane resin

### TYPICAL PROPERTIES

KOT-100 CLEAR	
Appearance	Transparency
Viscosity	20 ± 5 Sec (Ford#4)
Specific Gravity	0.90 ± 0.1
Solid Content	30 ± 2 %
ETC.	5 ± 2 %

### APPLICATIONS

- Elevators, escalators, refrigerators, washing machines, microwave ovens, etc.
- Stainless steel plate, etc. for interior and exterior building materials



### ADVANTAGES

- Maintains the beauty and cleanness of the metal surface.
- Various colors can be implemented while maintaining the unique texture of the metal surface.
- Excellent adhesion to non-ferrous metals and corrosion resistance.
- 1-component type, easy to paint and handle.
- 1Coat-1Bake has excellent adhesion to various ferrous and non-ferrous metals.
- It is a paint that does not contain 6 major heavy metals.

## STORAGE

Products should be kept tightly closed when not in use and stored in a cool, dry place because they will absorb moisture if left in open containers and it could result in increased viscosity, color change and some crystallization of the products.

This product has shelf life of 12 months when protected from moisture and air.

## HANDLING PRECAUTION

Please refer to the MSDS for further information.

**SEOEUN Tech CO.**  
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# Standard Application Method

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Name		KOT – 100 CLEAR	Remarks
1	Appearance	CLEAR	
2	Color	CLEAR	
3	Materials	Nonferrous Metal	stanless
4	Paint Name	KOT – 100 CLEAR	
5	Thinner	#350B23 Thinner	
6	Hardener	--	a liquid form one coat type
7	Mixing Ratio (Paint / Hardener)	--	
8	Mixing Ratio (Paint / Thinner)	100 / 30~35	Paint / Thinner
9	Spray Viscosity	11 ~ 12 sec	Iwata Cup #2
10	Filter	300 ~ 350 micron	
11	Painting Method	Air Spray	
12	Setting Time	5 ~ 10 min	100 ~ 130°C
13	Baking Condition	160 ~ 170°C X 30~40 min	
14	Film Thickness	15 ~ 25 μm	
15	Warranty	6 Months	

### Cautions On Handling

- 1) Mix thoroughly the Paint and Thinner with proper stirring device.
- 2) Use specified thinner only, or may result in defects.
- 3) Use adequate ventilation to work area. Avoid prolonged breathing of vapor.
- 4) Store drum in the dark areas with good ventilation.





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# CERTIFICATION OF ANALYSIS

Customer :  
Product Name :

Lot No. :  
Quantity :

Test Item	Unit	Specification	Result	Remarks
Appearance	-			
Viscosity	KU			
Secific Gravity				
Solids Content	%			
Color	-			

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CERTIFY THE ABOVE STATEMENT OF QUALITY TO BE TRUE AND CORRECT.

Head of Quality Control