



# LIONTHANE #700

## Technical Data Sheet

### Information

This paint is a two-component acrylic urethane paint consisting of acrylic polymer resin and HDI curing agent, and the requirements for materials, chemical resistance, weather resistance, and water resistance are output. It is a paint that is mainly applied to ABS materials and brings a typical image of gloss and color.

### Main Ingredient

- Acrylic Polymer Resin

### Properties

LIONTHANE #700	
Appearance	Metallic, Solid
Viscosity	65 ± 3 (Stomer KU at 25°C)
Specific Gravity	0.99 ± 0.02
Solid Content	37 ± 2 %
Thickness	15 ~ 20 μm
Polish	80 ~90 (High-gloss top coat transparent coating)
Drying Time	Bottom Coat 25°C X 2~3 min Top Coat 70°C X 30 min

### Field Of Application

- Adhesion to plastic materials is good, especially to ABS materials.



### Characteristic

- Excellent water resistance, weather resistance and chemical resistance
- Easy to work with two-component paint
- Repaintable
- High gloss maintained after top coat clear painting
- Paints that do 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 6 months when protected from moisture and air.

## **HANDLING PRECAUTION**

Please refer to the MSDS for further information.

**SEOEUN Tech CO.**  
Tel. 82-55-326-4017  
Fax. 82-55-326-4018

# Standard Application Method

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	Name	LIONTHANE #700	Remarks
1	Appearance	COLOR	
2	Color	Solid & Metallic	
3	Materials	ABS	
4	Paint Name	Acrylic urethane	
5	Thinner	#700 ,#740 Thinner	#700(fast dry) , #740(standard)
6	Hardener	Hardener BS	
7	Mixing Ratio (Paint / Hardener)	100 / 20	
8	Mixing Ratio (Paint / Thinner)	100 / 40 ~ 60	Paint / Thinner
9	Spray Viscosity	10 ~ 12 sec	Iwata Cup #2
10	Filter	150 micron	
11	Painting Method	Air Spray	Degreasing IPA
12	Setting Time	5 ~ 10 min	at Room Temperature(20 ~ 25 $\mu$ m)
13	Baking Condition	--	
14	Film Thickness	15 ~ 20 $\mu$ m	
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 area with good ventilation.



# Standard Application Method

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	Name	LIONTHANE #700 A-25 CLEAR	Remarks
1	Appearance	Transparente COLOR	
2	Color	CLEAR	
3	Materials	LIONTHANE #700	
4	Paint Name	Acrylic Urethane	
5	Thinner	#720 Thinner	
6	Hardener	Hardener TC	
7	Mixing Ratio (Paint / Hardener)	100 / 50	
8	Mixing Ratio (Paint / Thinner)	100 / 40 ~ 50	Paint / Thinner
9	Spray Viscosity	10 ~ 11 sec	Iwata Cup #2
10	Filter	300 ~ 350 micron	
11	Painting Method	Air Spray	
12	Setting Time	5 ~ 10 min	at Room Temperature(20 ~ 25 $\mu$ m)
13	Baking Condition	70 $^{\circ}$ c X 30 min	
14	Film Thickness	15 ~ 20 $\mu$ m	
15	Warranty	6 Months	

### Cautions On Handling

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- 3) Use adequate ventilation to work area. Avoid prolonged breathing of vapor.
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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



SEOEUN Tech CO.

# CERTIFICATION OF ANALYSIS

Customer :  
Product Name :

Lot No. :  
Quantity :

Test Item	Unit	Specification	Result	Remarks
Appearance	-	CLEAR	PASS	
Viscosity	KU	$30 \pm 1$	30.5	
Secific Gravity		$0.95 \pm 0.05$	0.952	
Solids Content	%	$44 \pm 2$	44.5	
Color	-			

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