



Automotive Refinishes

## PRODUCT : HiQ Clearcoat TC-1700

### PRODUCT DESCRIPTION

TC-1700 is an easy-applying clearcoat with excellent flow and melt-in properties. It is especially suited for larger repairs in the spray booth.

### USE

- An easy-to-apply, high gloss Acrylic Urethane System with excellent durability
- Matches OEM basecoat/clearcoat.

### SUITABLE SUBSTRATES

- OEM Finishes
- HIQ BASECOAT Colors
- Aged refinishes

### MIXING

#### Basecoat

Stir or shake color thoroughly



1

1

Basecoat  
Color

DR-421W  
DR-421WS  
DR-421S  
DR-421R  
DR-421ER

#### TC-1700



2

1

0.2

TC-1700

CCH-200 DR-421W  
CCH-230 DR-421WS  
CCH-250 DR-421S  
DR-421R  
DR-421ER

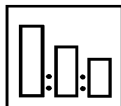
### APPLICATION



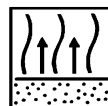
Use fresh air mask  
or charcoal respirator



3~4bar(siphon feed)  
2~3wet coat  
D.F.T=50~60 $\mu$ m(2~2.5mils)  
1.4~1.6mm



TC-1700  
Hardener CCH-200/230/250  
Thinner DR-421  
Mixing Ratio (vol)  
2:1:0.2 (clear:hardener:thinner)



10~20minutes



2.5~3.5bar(gravity feed)  
2~3wet coat  
D.F.T=50~60 $\mu$ m(2~2.5mils)  
1.2~1.5mm



Dry to deliver time  
10hrs/20 $^{\circ}$ C (68 $^{\circ}$ F)  
20minutes/80 $^{\circ}$ C (176 $^{\circ}$ F) or  
30minutes/70 $^{\circ}$ C (158 $^{\circ}$ F)

**SPRAYING VISCOSITY:** 14~15 sec. Ford Cup #4(15~17 sec. ZAHN cup #2) at 77 $^{\circ}$ F (25 $^{\circ}$ C)

**POT LIFE:** 6 hours at 77 $^{\circ}$ F (25 $^{\circ}$ C) using CCH-200

### DRYING SCHEDULE

<b>Air dry times</b>	Dust free	50~60minutes	<b>Force dry times</b>	60 $^{\circ}$ C	30minutes
	To deliver	overnight		80 $^{\circ}$ C	20minutes



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**RECOMMENDED DRY FILM THICKNESS:** 50~60 $\mu$ m(2~2.5mils)

**RECOATABILITY:** TC-1700 can be recoated with itself at any stage.  
Sanding will become necessary after 12 hours.

**CHOOSE HARDENER AND REDUCER:** Choose the clear coat hardener CCH-200 series and reducer DR-421series that best fits temperature range.

Hardener	Size of repair	CCH-250	CCH-200	CCH-230		
	Spot repair	5~20 $^{\circ}$ C	20~30 $^{\circ}$ C	25~40 $^{\circ}$ C		
	Panel repair	5~15 $^{\circ}$ C	15~25 $^{\circ}$ C	25~35 $^{\circ}$ C		
Reducer	DR-421W	DR-421WS	DR-421S	DR-421R	DR-421ER	
	5~15 $^{\circ}$ C	15~25 $^{\circ}$ C	25~35 $^{\circ}$ C	30 $^{\circ}$ C $\uparrow$	40 $^{\circ}$ C $\uparrow$	

### HEALTH AND SAFETY

Please refer to Material Safety Data Sheet and Labels for additional safety information and handling instructions.

- Read all label directions before use.
- Refer to MSDS for specific information.
- Wear a NIOSH approved air purifying respirator when mixing and applying.
- Wear a NIOSH approved dust particulate mask when sanding.
- Wear safety glasses, coveralls, and latex gloves when using product.

### Ready to Spray VOC(2:1:0.2)

TC-1700 yields a VOC content of: 4.5 lb/gal (550 g/liter)