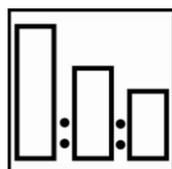


## 2K super curing and air-dry clear coat A770

FOR PROFESSIONAL USE ONLY

### Description

The super curing and air-dry clear coat A770 is a two-component clear coat, which is produced by acrylic polyol modified resin, and should be used in conjunction with air-dry clear coat specified hardener A707. It has the properties of without baking, air-dry, polishing fast, easy and convenient. Performance such as gloss, fullness and distinctness of image are comprehensive. It is a new generation of super curing innovative technology, comprehensively beyond others, which is suitable for all fast drying requirements of mid-range and high-end car.



Small area refinish:  
100 A770  
20 Hardener A707  
0-20 Thinner A810

Large area refinish:  
100 A770  
25 Hardener A707  
0-25 Thinner A810/A811



Use Donglai measuring stick



Small area refinish  
Large area refinish

Spray gun set-up:

1.2-1.4 mm (gravity type HVLP spray gun)

1.3-1.5 mm (gravity type HVLP spray gun)

Application pressure:

1.3-1.5 bar at the air inlet

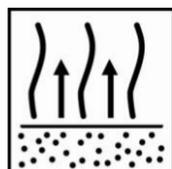
1.3-1.5 bar at the air inlet



Small area refinish (1~2) x 1 coat  
Large area refinish (2~3) x 1 coat

Apply 1~2 single coats wet on wet

Apply 2~3 single coats wet on wet



Small area refinish:  
Between coats none flash-off time  
Before curing none flash-off time  
Select fast dry thinner A810

Large area refinish:  
Between coats 2-3 minutes at 20°C  
Before curing none flash-off time  
Select fast dry thinner A810 or standard dry thinner A811



Small area refinish:

Air-dry time at 59°F/15°C

4~6 minutes dust free

35~45 minutes before grinding/polishing

Air-dry time at 68°F/20°C

2~3 minutes dust free

20~30 minutes before grinding/polishing

Large area refinish:

Air-dry time at 59°F/15°C

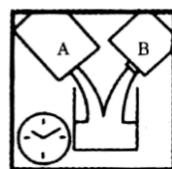
5~7 minutes dust free

40~50 minutes before grinding/polishing

Air-dry time at 68°F/20°C

2~4 minutes dust free

25~35 minutes before grinding/polishing



Usage time after mixed

2 hours at 15°C, 1 hour at 25°C

Use suitable respiratory protection

Donglai onwings Car Refinishes recommends the use of a fresh air supply respirator.

## 2K super curing and air-dry clear coat A770

FOR PROFESSIONAL USE ONLY

### Product and additives

### Product name

2K super curing and air-dry clear coat A770

### Hardener

A707 specified hardener; repairs at 15°C-35°C

### Thinner

A811 Standard thinner; repairs at 20°C -35°C  
A810 Fast dry thinner; repairs at 5-20°C

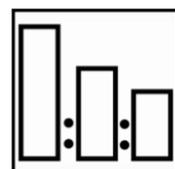
### Basic raw materials

2K super curing and air-dry clear coat A770: Acrylic polyol modified resins  
Hardener: Poly-isocyanate resins

### Suitable substrates

onwings or onwaves basecoat after 15 minutes flash off time at 25°C

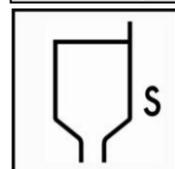
### Mixing



Small area refinishes:  
100 A770  
20 Hardener A707  
0-20 Thinner A810  
Use measuring stick

Large area refinishes:  
100 A770  
25 Hardener A707  
0-25 Thinner A810/A811

### Viscosity



16 - 18 seconds – DIN Cup 4 at 20°C

### Spray gun set-up / application pressure



Small area refinish  
Large area refinish

Spray gun set-up:  
1.2-1.4 mm (gravity type HVLP spray gun)  
1.3-1.5 mm (gravity type HVLP spray gun)

Application pressure:  
1.3-1.5 bar at the air inlet  
1.3-1.5 bar at the air inlet

## 2K super curing and air-dry clear coat A770

FOR PROFESSIONAL USE ONLY

### Application process



Apply a full coat, allowing for no flash-off time at 20°C between coats for small area refinish, allowing for 2-3 minutes at 20°C between coats for large area refinish.  
Next, apply a full coat, allowing for no flash-off time at 20°C before baking

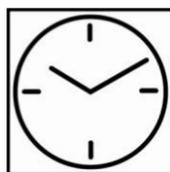
### Pot-life

2 hours at 15°C, 1 hour at 25°C

### Film thickness

By using the recommended application: 40-80 µm.

### Drying times



Small area refinishes:

Dust free 4-6 min at 15°C, Dry to handle 35-45 min at 15°C

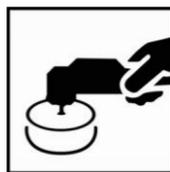
Dust free 2-3 min at 25°C, Dry to handle 20-30 min at 25°C

Large area refinishes:

Dust free 5-7 min at 15°C, Dry to handle 40-50 min at 15°C

Dust free 2-4 min at 25°C, Dry to handle 25-35 min at 25°C

### Polishability



Dust and minor imperfections can be polished out after the stated air-dry times have been reached. Carefully sand out dust particles and restore the surface according to polishing recommendations.

### Material usage

- 1) Hardener saves: hardener must be sealed in time after open and save at cool environment.
- 2) Operating temperature: When operate above 35 °C temperature, please pay attention to possible risks caused by fast drying performance.
- 3) Respraying: please be sure to use infrared forced dry for 15 minutes in defect, then grind it with 800 # or finer sand paper, respray finally.

### Cleaning of equipment

onwings solvents

### Product storage

Product shelf-life is 2 years when products are stored unopened at 20°C. Avoid extreme temperature fluctuation.