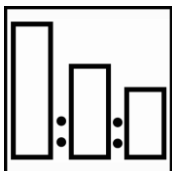


2K super curing and air-dry clear coat A770

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



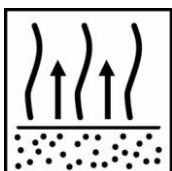
Use Donglai measuring stick



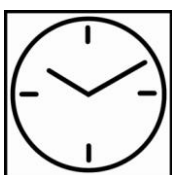
Small area refinish	Spray gun set-up: 1.2-1.4 mm (gravity type HVLP spray gun)	Application pressure: 1.3-1.5 bar at the air inlet
Large area refinish	1.3-1.5 mm (gravity type HVLP spray gun)	1.3-1.5 bar at the air inlet



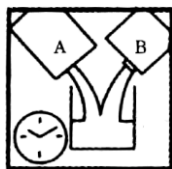
Small area refinish	(1~2) x 1 coat	Apply 1~2 single coats wet on wet
Large area refinish	(2~3) x 1 coat	Apply 2~3 single coats wet on wet



Small area refinish:	Large area refinish:
Between coats none flash-off time	Between coats 2-3 minutes at 20°C
Before curing none flash-off time	Before curing none flash-off time
Select fast dry thinner A810	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℃ -35℃
A810 Fast dry thinner; repairs at 5-20℃

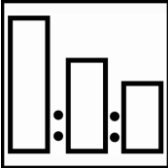
Basic raw materials

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

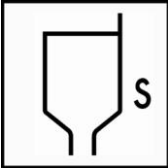
Mixing



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



	Spray gun set-up:	
Small area refinish	1.2-1.4 mm (gravity type HVLP spray gun)	
Large area refinish	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.