

2K weather resistance clear coat A850

FOR PROFESSIONAL USE ONLY

Description

High-build, two-component clearcoat designed for universal application and optimal appearance for onwings and onwaves’ coat system which secures excellent flow and gloss.




100 A850

50 Hardener

20-30 Thinner



Use Donglai measuring stick



Spray gun set-up:Application pressure:

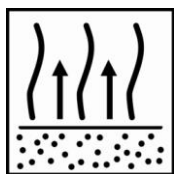
1.5-1.7mm(suction type gun)1.7-2.2 bar at the air inlet

1.3-1.5 mm (gravity type)



2 x 1 coat

Apply 2 single coats (40~80μm)




Between coats

Before curing

3-5 minutes at 20 ℃

3-5 minutes at 20 ℃

Thinner selection according temperature Flash-off time depending on oven type




Air-dry time at 68°F/20℃

3 ~ 4hours

Force dry at 140°F/60℃

45 ~ 60 minutes



Use suitable respiratory protection

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

FOR PROFESSIONAL USE ONLY

Spray gun Set-up	Application pressure
Gravity feed gun 1.3-1.5 mm	1.7-2.2 bar at the spray gun air inlet
Suction type gun 1.5-1.7 mm	

2K weather resistance Clear coat A850

FOR PROFESSIONAL USE ONLY

Application process



Apply a full coat, allowing for a 5-8 minutes flash-off time at 20 °C.  
Next, apply a full coat, allowing for a 5-8minutes flash-off time at 20 °C before baking

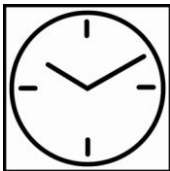
Pot-life

Slow dry Hardener3 4 hourat 20 °C  
Standard Hardener 4 hoursat 20 °C  
Fast dry Hardener 4 hoursat 20 °C

Film thickness

By using the recommended application: 40-80 μm.

Drying times



Dust free 8-10min at 20 °C, 45min at 60 °C  
Dry to handle 5hrs at 20 °C, 60min at 60 °C

Polishability



Dust and minor imperfections can be polished out after the stated air-dry times have been reached, or after a full bake at 60 °C object temperature, followed by a cool down of the object to ambient temperature.  
Carefully sand out dust particles and restore the surface according polishing recommendations.Ready to polish approximately 1 hour after cool down to ambient temperature.

Material usage

By using the recommended application, the theoretical material usage is ±7.2 m ³/liter RTS mixture. The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, pressure and application circumstances.

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.