

Low VOC Compliant System

ULTRAPRO - UPC.7000

PRODUCTION CLEARCOAT

Directions for Use

MIXING RATIO: 2 : 1 : 10%



Use a 2 : 1 Measuring Stick



2 Parts **UPC.7000** ULTRAPRO Clearcoat

+

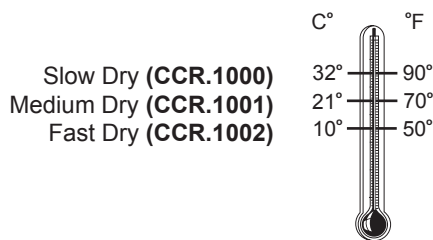


1 Part **UPH.100/.101/.102**
Hardener

+



10% Reducer, Optional
(CCR.1000/.1001/.1002)

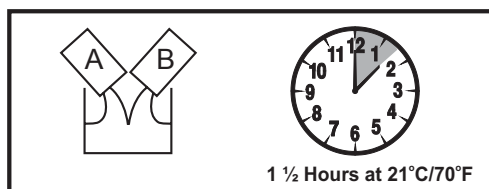


Select the speed of dry Urethane Clearcoat Reducer best suited to the repair and shop conditions.



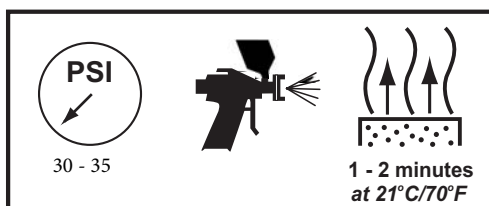
Stir mixture thoroughly and strain. Let stand for 5 minutes before using.

POT LIFE:



1 - 1 ½ Hours at 21°C/70°

APPLICATION:



Using 30 - 35 psi, apply a **wet** first coat. Allow a **1 - 2 minutes** flash period at 21°C/70°F with good air flow. *Flash period will vary according to amount of material applied, temperature, and air flow.*

Apply a **wet** second coat.

PROTECTION:



Always use in a well ventilated area. Wear an approved and properly fitted air fed or air purifying respirator. Consult with safety equipment supplier for recommendation to ensure the proper equipment and protective clothing is being used.

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POLISHING:



If polishing is necessary to remove minor dirt nibs, allow the following time to lapse **before** polishing surface:

Force Dry: Minimum 45 minutes to 1 hour

Air Dry: Minimum 3 hours or overnight

Wet sand with P1500 and finish sand with P2000 sandpaper and follow standard polishing procedures.

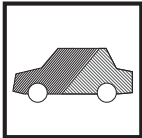
SPRAY PRESSURE:



Gun	Fluid Tip	Spraying Pressure
HLVP Gravity	1.2 - 1.4 mm	28 - 30 psi at gun 8 - 10 psi at cap
HP Gravity	1.2 - 1.4 mm	30 - 35 psi at gun
RP Gravity	1.2 - 1.4 mm	28 - 30 psi at gun
Siphon	1.3 - 1.5 mm	30 - 35 psi at gun

** Refer to spray equipment manufacturer's recommendations for spray pressure*

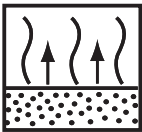
BLENDING:



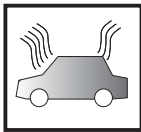
If doing a repair over the clearcoat, add 20-30% **UCS.404** to the **UPC.7000** mixture, reduce air pressure to 25 psi at the gun and blend into the area.

The next day, if necessary lightly buff edges of the blend area.

BAKING:



5 minutes
at 21°C/70°F



5 - 10 minutes at
49°C/120°F

UPC.7000 may be air dried, or force dried in spray booth.
Allow a 5 minute flash period at 21°C/70°F.
Bake for 5 - 10 minutes @ 49°C/120°F.

Cool for 15 minutes.

TECHNICAL INFORMATION

Low VOC Compliant System

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Directions for Use

Mixing Ratio: 2:1:10%



2 parts **UPC.7000 ULTRAPRO** Clearcoat
 1 part **UPH.100/.101/.102** Hardener
 10% Reducer, *Optional*
(CCR.1000/.1001/.1002)



Potlife at 21°C/70°F

1 - 1 ½ Hours

Spray Viscosity at 21°C/70°F
 Ford #4 Cup

15 - 17 seconds (@ 2:1 Mix Ratio)



Spray Gun & Pressure

HVLP Gravity

Spray Pressure

28 - 30 psi at gun,
 8-10 psi at the cap

Fluid Tip

1.2-1.4 mm (0.047"-0.055")



HP Gravity

30 - 35 psi at gun

1.2-1.4 mm (0.047"-0.055")

RP Gravity

28 - 30 psi at gun

1.2-1.4 mm (0.047"-0.055")

Siphon

30 - 35 psi at gun

1.3-1.5 mm (0.051"-0.059")



Application

Coats to be applied

2 wet coats



**Flash Off Time
 Between Coats**
 at 21°C/70°F

1 - 2 minutes

** Will vary depending on film build and air flow*

Dry Time

Force Dry at 49°C/120°F

Air Dry at 21°C/70°F

Dust Free

5 minutes

10 minutes

Dry to Handle

10 minutes

20 - 25 minutes

Dry to Polish

30 - 45 minutes

3 hours

** Dry Times will vary depending on film build and air flow*

Film Build (@ 2 coats)

2.0 - 2.5 mils

Solids by Weight (*UPC.7000 only*) **Solids**

36% +/- 2

by Weight (*UPC.7000 & UPH.100/.101/.102*)

33% +/- 2

VOC Information
Ready to Spray

Volume Mix Ratio 2:1
2 Parts UPC.7000
1 Part UPH.100/.101/.102

Volume Mix Ratio 2:1:10%
2 Parts UPC.7000
1 Part UPH.100/.101/.102

10% Reducer CCR.1000/.1001/.1002

VOC g/L (*Less Water & Less Exempt*)

247 - 250

247 - 250

VOC lbs/gal (*Less Water & Less Exempt*)

2.06 - 2.1

2.06 - 2.1