

GENERAL INFORMATION

C500 HS420 Superb Clear Coat is a high quality polyurethane Clear Coat with excellent durability and very good drying and processing properties. Supreme Clear was designed specifically for application over W00 - W999 Octabase Eco Plus System and B00 - B999 Octabase System for passenger cars, coaches and commercial vehicles. This clear coat was specifically developed for high demanding jobs.

MIXING RATIO



3 : 1 Clear Coat : HS420 Hardener + 5% Uni Thinner
3 : 1 Clear Coat : HS420 Hardener + 10% AP871
Cure Booster

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,2-1,4	2/29
HE	1,2-1,4	2,0-2,5/29-36

APPLICATION



1½ - 2 coat 50 - 60 µm (2,0-2,4 mil)

FLASH OFF AND DRY TIMES



	HARDENER	FLASH OFF BEFORE BAKE (MIN.)	DRY TO HANDLE (MIN.)	DRY TO POLISH (H)
Air Dry 20°C (68°F)	H23	x	Overnight drying recommended	
	H24	x		
	H25	x		
	H26	x		
Forced Dry 60°C (140°F)	H23	2 - 5	20	After cooling down
	H24	2 - 5	30	
	H25	2 - 5	35	
	H26	2 - 5	40	

To enhance the drying properties of the C500 HS420 Superb Clear Coat, it is possible to replace Uni thinner with 10% AP871 Cure Booster.

INFRARED DRYING



After full flash off and at proper distance		
Half-bake	4 min	50°C
Full-bake	20 min	65°C
See IR Manufacturer information		

SUBSTRATES



W00 - W999 Octabase Eco Plus System and B00 - B999 Octabase System.

Basecoat should be fully dry.

POT LIFE AT 20°C / 68°F



HARDENER	H23	H24	H25	H26
Potlife (min)	15	20	30	45

COMPONENTS



H23 HS420 Hardener Very Fast
H24 HS420 Hardener Fast
H25 HS420 Hardener Medium
H26 HS420 Hardener Slow
TA900 Uni Thinner Fast
TA910 Uni Thinner Medium
TA920 Uni Thinner Slow
AP871 Cure Booster

ADDITIVES



AE001 Elastic 2K
AC001 2K Structure Coat Fine
AC002 2K Structure Coat Coarse

Add before hardener.

SURFACE PREPARATION



Mask entire vehicle to eliminate unwanted overspray.



NEXT LAYER



PHYSICAL DATA

EU REGULATIONS	
VOC Code	2004/42/IIIB(d)(420)396
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.	IIIB/d, Topcoat - All types. EU limit values: 420 g/l. (2007). This product contains a maximum of 396 g/l VOC.
Chemical Base	2K Polyurethane Finish
Physical Properties	Viscosity (RTS)
	19 Dincup 4 / 20°C
	Specific Gravity (kg/l)
	1,009
	Flash Point Closed Cup
	34°C / 93,2°F
	Volume % Solids
Physical Properties	50
	Economy
	10 m²/L/50 µm
	405 ft²/Gal/2 mil
Physical Properties	Gloss
	High gloss
Physical Properties	Colour
	-

PROTECTION

Use suitable respiratory protection (*fresh air supply respirator is strongly recommended*).



For more detailed information please visit the following link for the Safety Data Sheet:

https://sds.octoral.com/en/octoral/choose_localization

CLEAN UP



Gun Cleaner

STORAGE/SHELF LIFE

Minimum 2 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F) (unopened container).



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