

GENERAL INFORMATION

C300 HS420 Speed Clear is a polyurethane high quality clear coat with high durability for application over W00 - W999 Octobase Eco Plus System suitable for repairs on passenger cars. This clear coat is specially developed for body-shops with a high production or where short drying times are required.

MIXING RATIO



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

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,2-1,4	2/29
HE	1,3-1,4	2,0-2,5/29-36

APPLICATION



1½ - 2 coat 40 - 70 µm (1,6-2,8 mil)

FLASH OFF AND DRY TIMES



AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	With Uni Thinner	With Additive
Flash off	-	Flash off	0 - 5 minutes	0 - 5 minutes
Dust free	-	Dust free	-	-
Dry to handle	-	Dry to handle	20 minutes	10 minutes
Dry to tape	-	Dry to tape	After cooling down	After cooling down
Dry to sand	-	Dry to sand	After cooling down	After cooling down
Dry to polish	-	Dry to polish	After cooling down	After cooling down

INFRARED DRYING



After full flash off and at proper distance		
Half-bake		4 min 50°C
Full-bake		10 min 65°C
See IR Manufacturer information		

SUBSTRATES



W00 - W999 Octobase Eco Plus System.

Basecoat should be fully dry.

POT LIFE AT 20°C / 68°F



	UNI THINNER	AP871
Potlife (minutes)	40	20

COMPONENTS



H49 HS420 Speed Clear Hardener
TA900 Uni Thinner Fast
TA910 Uni Thinner Medium
TA920 Uni Thinner Slow
TA855 Spot Repair Thinner
TA875 Fade-Out Thinner
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)360
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 360 g/l VOC.
Chemical Base	2K Polyurethane Finish	
Physical Properties	Viscosity (RTS)	18 Dincup 4 / 20°C
	Specific Gravity (kg/l)	0,976
	Flash Point Closed Cup	39°C / 102,2°F
	Volume % Solids	50,8
	Economy	10,2 m²/L/50 µm 415 ft²/Gal/2 mil
	Gloss	High gloss
	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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