

## C450 SCRATCH RESISTANT RAPID REPAIR CLEAR

## **GENERAL INFORMATION**

C450 Scratch Resistant Rapid Repair Clear is a polyurethane rapid drying scratch resistant clearcoat . This clearcoat is wet on wet application; no flash off time required between coats. Offers superior scratch resistance, in situations such as car wash brushing. The clearcoat also offers short drying times at 20°C and very short drying time at 40-60°C, compared to conventional clearcoats. Very easy to use with a fantastic finish appearance, superior flow and levelling. For application over W00 - W999 Octobase Eco Plus System and B00 - B999 Octobase System, suitable for passengers cars.

### **MIXING RATIO**



5 : 1 Clear coat: HS420 Hardener

## GUN SET UP

	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,5	1,5 -1,8 / 22-26
HE	1,3-1,5	1,5 -1,8 / 22-26

## **APPLICATION**



2 coat 35 - 45 µm (1,4-1,8 mil)



# ASH OFF AND DRY TIMES

AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	-	Flash off	-
Dust free	20 - 25 minutes	Dust free	-
Dry to handle	45 - 75 minutes	Dry to handle	3 - 5 minutes
Dry to tape	-	Dry to tape	After cooling down
Dry to sand	-	Dry to sand	After cooling down
Dry to polish	60 - 90 minutes	Dry to polish	After cooling down

No flash-off between coats, apply two full wet coats.

No Flash off. All dry times assume standard application & spraybooth conditions and refer to the time after reaching object temperature.

## **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 and B00 - B999 Octobase System.

Basecoat should be fully dry.

## )T LIFE AT 20°C / 68°F



60 minutes

## COMPONENTS



H23 HS420 Hardener Very Fast H24 HS420 Hardener Fast H25 HS420 Hardener Medium H26 HS420 Hardener Slow TA855 Spot Repair Thinner TA875 Fade-Out Thinner

No thinner needed.

### ADDITIVES



## SURFACE PREPARATION



Mask entire vehicle to eliminate unwanted overspray.





## PHYSICAL DATA

EU REGULATIONS					
VOC Code		2004/42/IIB(e)(840)510			
Product sub category (according directive 2004/42/ EC) and max VOC content (ISO 11890-1/2) of the ready to use product.		IIB/e. Special finishes - All types. EU limit values: 840 g/l. (2007) This product contains a maximum of 510 g/l VOC.			
Chemical Base	2K Polyurethane Finish				
	Viscosity (RTS)	12 - 14 Dincup 4 / 20°C			
	Specific Gravity (kg/l)	0,978			
	Flash Point Closed Cup	15°C / 57°F			
Discusional Discussion	Volume % Solids	35,3			
Physical Properties	Economy	7,1 m²/L/50 μm			
		385 ft²/Gal/2 mil			
	Gloss	High gloss			
	Colour	-			

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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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