

## 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)

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

## FLASH 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. 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.**

## POT 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  
TA875 Fade-Out Thinner

**No thinner needed.**

## ADDITIVES



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## SURFACE PREPARATION



**Mask entire vehicle to eliminate unwanted overspray.**



## NEXT LAYER



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## PHYSICAL DATA

EU REGULATIONS															
<b>VOC Code</b>	2004/42/IIIB(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.	IIIB/e. Special finishes - All types. EU limit values: 840 g/L (2007) This product contains a maximum of 510 g/l VOC.														
<b>Chemical Base</b>	2K Polyurethane Finish														
<b>Physical Properties</b>	<table border="1"> <tr> <td><b>Viscosity (RTS)</b></td> <td>12 - 14 Dincup 4 / 20°C</td> </tr> <tr> <td><b>Specific Gravity (kg/l)</b></td> <td>0,978</td> </tr> <tr> <td><b>Flash Point Closed Cup</b></td> <td>15°C / 57°F</td> </tr> <tr> <td><b>Volume % Solids</b></td> <td>35,3</td> </tr> <tr> <td><b>Economy</b></td> <td>7,1 m<sup>2</sup>/L/50 µm 385 ft<sup>2</sup>/Gal/2 mil</td> </tr> <tr> <td><b>Gloss</b></td> <td>High gloss</td> </tr> <tr> <td><b>Colour</b></td> <td>-</td> </tr> </table>	<b>Viscosity (RTS)</b>	12 - 14 Dincup 4 / 20°C	<b>Specific Gravity (kg/l)</b>	0,978	<b>Flash Point Closed Cup</b>	15°C / 57°F	<b>Volume % Solids</b>	35,3	<b>Economy</b>	7,1 m <sup>2</sup> /L/50 µm 385 ft <sup>2</sup> /Gal/2 mil	<b>Gloss</b>	High gloss	<b>Colour</b>	-
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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](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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