

GENERAL INFORMATION

8-114 Scratch Resistant Fast 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^oC and very short drying time at 40-60^oC, compared to conventional clearcoats. Very easy to use with a fantastic finish appearance, superior flow and levelling. For application over MM 900 - 9999 WaterBase 900⁺ Series and MM 500 - 5999 BeroBase 500 Series, 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.

SUBSTRATES

MM 900 - 9999 WaterBase 900* Series and MM 500 -5999 BeroBase 500 Series.

Basecoat should be fully dry.

POT LIFE AT 20°C / 68°F



60 minutes

COMPONENTS



8-430 HS420 Hardener Very Fast 8-440 HS420 Hardener Fast 8-450 HS420 Hardener Medium 8-460 HS420 Hardener Slow 47-91 Spot Repair Thinner 1-231 Fade-Out Thinner

No thinner needed.

ADDITIVES



SURFACE PREPARATION



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



PHYSICAL DATA

EU REGULATIONS						
VOC	Code	2004/42/IIB(e)(840)445				
Product sub category (acc 2004/42/EC) and max VOC of the ready to use produc	content (ISO 11890-1/2)	IIB/e. Special finishes - All types. EU limit values: 840 g/l. (2007) This product contains a maximum of 445 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				
	Volume % Solids	35,3				
Physical Properties	_	7,1 m²/L/50 μm				
	Economy	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.de-beer.com/en/debeer/choose_localization

CLEAN UP



1-051 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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