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°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 MM 900 - 9999 WaterBase 900° Series and MM 500 - 5999 BeroBase 500 Series, suitable for passengers cars.

MIXING RATIO



5:1Clear 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 m (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 $^{\circ}$ 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.

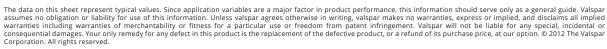


NEXT LAYER



PHYSICAL DATA

EU REGULATIONS					
VOC Code		2004/42/IIB(e)(840)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				
Physical Properties	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			
	Economy	7,1 m²/L/50 m			
		385 ft²/Gal/2 mil			
	Gloss	High gloss			
	Colour	-			







8-114

Scratch Resistant Fast Repair Clear

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 $10^{\circ}C$ - $30^{\circ}C$ / $50^{\circ}F$ - $90^{\circ}F$) (unopened container).



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