

### 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 : 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 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.**

### 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



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  
 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/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.
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
Physical Properties	Economy
	7,1 m <sup>2</sup> /L/50 m
	385 ft <sup>2</sup> /Gal/2 mil
	Gloss
Physical Properties	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.de-beer.com/en/debeer/choose\\_localization](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).

**NOTES**

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