

8-114 Scratch Resistant Fast Repair Clear



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. 8-114 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. 8-114 is very easy to use with a fantastic finish appearance, superior flow and levelling. For application over WaterBase 900* Series and BeroBase 500 Series, suitable for passengers cars.



COMPONENTS:

8-114	Scratch Resistant Fast Repair Clear
8-430	HS420 Hardener Very Fast
8-440	HS420 Hardener Fast
8-450	HS420 Hardener Medium
8-460	HS420 Hardener Slow



SUBSTRATES:

WaterBase 900* Series Basecoat
 BeroBase 500 Series basecoat



SURFACE PREPARATION:

* Basecoat should be fully dry



MIXING RATIO:

5 : 1 Clear : HS420 Hardener



SPRAY VISCOSITY:

12-14 sec
 Din 4 20°C



GUN SET UP:

	Nozzle size(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 coats
 No flash-off between coats, apply two full wet coats
 35 - 45 microns / 1.4 - 1.8 mil



POT LIFE at 20°C / 68°F

60 minutes



FLASH OFF at 20°C / 68°F

No flash-off



DRY TIMES:

	Hardener	Flash off (min.)	Dust free (min.)	Dry to handle (min.)	Dry to polish (min.)
Air Dry 20°C (68°F)	8-430	x	20	45	60
	8-450	x	25	75	90
40°C *Bake	8-430	x	x	5 min	after cooling
	8-450	x	x	8 min	after cooling
60°C *Bake	8-430	x	x	3 min	after cooling
	8-450	x	x	5 min	after cooling



* All dry times assume standard application & spraybooth conditions and refer to the time after reaching object temperature

CLEAN UP:

1-051 Gun Cleaner

Physical Data:

EU regulations		
VOC code	2004/42/IIIB(e)(840)445	
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: 840g.l.(2007) This product contains a maximum of 445g/l VOC.	
Chemical base	2-Component acrylic copolymer resins	
Physical properties	Viscosity	12-14 sec / Din4 /20°C
	Specific gravity (g/l)	0.962
	Flash point closed cup	15°C / 57°F
	Vol. % solids	34
	Economy	7 m²/L/50 µm
	Gloss	High Gloss
	Colour	Clear

STORAGE / SHELF LIFE:

Minimum 2 years

(Under normal storage conditions and unopened thins)



Use suitable respiratory protection (we recommend the use of a fresh air supply respirator).

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