

8-214 HS Scratch Resistant Clear

GENERAL INFORMATION

8-214 HS Scratch Resistant Clear is a VOC compliant Scratch Resistant Clear Coat which is less sensitive to scratches caused by carwash brushes. The product is slightly hazy in the can, easy to use and has a high gloss finish. 8-214 HS Scratch Resistant Clear is for application over MM 500 - 5999 BeroBase 500 Series and MM 900 – 9999 WaterBase 900* Series. It is suitable for passenger cars.

MIXING RATIO



2 : 1 Clear Coat : HS Hardener + 0 - 5% Uni Thinner

GUN SET UP

		NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
>	HVLP	1,2-1,4	2/29
	HE	1,2-1,4	1,8-2,0/26-29
	-		

APPLICATION



11⁄2 - 2 coat 50 - 60 μm (2,0-2,4 mil)

FLASH OFF AND DRY TIMES

<u> ^ ~ </u>	AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
	Flash off	-	Flash off	5 - 10 minutes
	Dust free	-	Dust free	-
	Dry to handle	-	Dry to handle	20 - 40 minutes
	Dry to tape	-	Dry to tape	After cooling down
· ~	Dry to sand	-	Dry to sand	After cooling down
	Dry to polish	-	Dry to polish	After cooling down

SUBSTRATES



MM 900 - 9999 WaterBase 900° Series and MM 500 - 5999 BeroBase 500 Series. Sanded and degreased old layers.

Basecoat should be fully dry.

POT LIFE AT 20°C / 68°F



60- 120 minutes

COMPONENTS



8-140 HS Hardener Fast 8-150 HS Hardener Medium 8-160 HS Hardener Slow 1-141 Uni Thinner Fast 1-151 Uni Thinner Medium 1-161 Uni Thinner Slow 1-171 Uni Thinner Very Slow 47-91 Spot Repair Thinner 1-231 Fade-Out Thinner

ADDITIVES



47-39 2K Elastic 1-060 2K Structure Coat Fine 1-065 2K Structure Coat Coarse

Add before hardener.

SURFACE PREPARATION



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



PHYSICAL DATA

EU REGULATIONS							
VOC	Code	2004/42/IIB(e)(840)(535)					
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 limet values: 840 g/l. (2007) This product contains a maximum of 535 g/l VOC.					
Chemical Base	2K Polyurethane Finish						
	Viscosity (RTS)	16 - 18 Dincup 4 / 20°C					
	Specific Gravity (kg/l)	1					
	Flash Point Closed Cup	30°C / 86°F					
	Volume % Solids	42,8					
Physical Properties	_	8,6 m²/L/50 μm					
	Economy	350 ft²/Gal/2 mil					
	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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