

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



1½ - 2 coat 50 - 60 µm (2,0-2,4 mil)

FLASH OFF AND DRY TIMES



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	2004/42/118(e)(840)(535)
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.	11B/e. Special finishes - All types, EU limit 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	Economy
	8,6 m ² /L/50 µm
	350 ft ² /Gal/2 mil
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

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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