GENERAL INFORMATION

8-714 H5420 Supreme Clear Coat is a high quality polyurethane Clear Coat with excellent durability and very good drying and processing properties. Supreme Clear was designed specifically for application over MM 900 - 9999 WaterBase 900* Series and MM 500 - 5999 BeroBase 500 Series for passenger cars, coaches and commercial vehicles. This clear coat was specifically developed for high demanding jobs.

MIXING RATIO



3 : 1 Clear Coat : HS420 Hardener + 5% Uni Thinner 3 : 1 Clear Coat : HS420 Hardener + 10% 8-129

Speed Optimiser

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,2-1,4	2/29
HE	1,2-1,4	2,0-2,5/29-36

APPLICATION



1¹/₂ - 2 coat 50 - 60 m (2,0-2,4 mil)

FLASH OFF AND DRY TIMES





	HARDENER	FLASH OFF BEFORE BAKE (MIN.)	DRY TO HANDLE (MIN.)	DRY TO POLISH (H)
Air Dry 20°C (68°F)	8-430	x		
	8-440	x	Overnight drying recom- mended	
	8-450	x		
	8-460	x		
Forced Dry 60°C (140°F)	8-430	2-5	20	
	8-440	2-5	30	after cooling down
	8-450	2-5	35	
	8-460	2-5	40	

To enhance the drying properties of the 8-714 Supreme Clear, it is possible to replace Uni thinner with 10% 8-129 Speed Optimiser.

INFRARED DRYING



AFTER FULL FLASH OFF AND AT PROPER DISTANCE		
Half-bake	4 min 50°C	
Full-bake 20 min 65°C		
See IR Manufacturer information		

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



HARDENER	8-430	8-440	8-450	8-460
Potlife (min)	15	20	30	45

COMPONENTS



8-430 HS420 Hardener Very Fast 8-440 HS420 Hardener Fast 8-450 HS420 Hardener Medium 8-460 HS420 Hardener Slow 1-141 Uni Thinner Fast 1-151 Uni Thinner Medium 1-161 Uni Thinner Slow 8-129 Speed Optimiser

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.

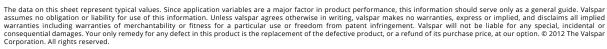


NEXT LAYER



PHYSICAL DATA

EU REGULATIONS				
VOC Code		2004/42/IIB(d)(420)396		
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.		IIB/d. Topcoat - All types. EU limit values: 420 g/l. (2007). This product contains a maximum of 396 g/l VOC.		
Chemical Base	2K Polyurethane Finish			
Physical Properties	Viscosity (RTS)	19 Dincup 4 / 20°C		
	Specific Gravity (kg/l)	1,009		
	Flash Point Closed Cup	34°C / 93,2°F		
	Volume % Solids	50		
	Economy	10 m²/L/50 m		
		405 ft²/Gal/2 mil		
	Gloss	High gloss		
	Colour	-		







8-714 HS420 Supreme Clear Coat

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).



NOTES

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