

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

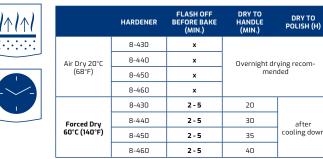
>1 5		NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
	HVLP	1,2-1,4	2/29
	HE	1,2-1,4	2,0-2,5/29-36

APPLICATION



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

FLASH OFF AND DRY TIMES



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⁺ 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					
	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				
Physical Properties	_	10 m²/L/50 µm				
	Economy	405 ft²/Gal/2 mil				
	Gloss	High 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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