

GENERAL INFORMATION

8-714 HS420 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



1½ - 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	Overnight drying recommended	
	8-440	x		
	8-450	x		
	8-460	x		
Forced Dry 60°C (140°F)	8-430	2 - 5	20	after cooling down
	8-440	2 - 5	30	
	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* 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/II B(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.		II B/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 (RT5)	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	-

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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