

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



1¹/₂ - 2 coat 50 - 60 µm (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 | 2004/42/11B(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. | 11B/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 m ² /L/50 µm 405 ft ² /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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