MM 500 - 5999
BeroBase 500 Series

GENERAL INFORMATION

MM 500 - 5999 BeroBase 500 Series is a clear-over-base system for passenger cars, commercial vehicles and coaches.
The system provides an exceptional optical effect, high durability, resistance to chemicals and gloss retention.

MIXING RATIO



1 : 1 with Uni Thinner

When mixing an own formula with a metallic and/or pearl always use the wax calculation option ICRIS colour retrieval.

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3 - 1,5	1,5 - 1,8 / 22 - 26
HE	1,3 - 1,5	1,5 - 1,8 / 22 - 26

APPLICATION



2 - 3 coats 15 - 25 µm (0,6 - 1,0 mil). For effect colours a mist coat is recommended at a lower pressure (1.2 - 1.5 BAR / 18 - 22 PSI). This mist coat is applied to semi-dry or dry base coat.

Re-coat with suitable clear coat within 8 hours.
After 8 hours scuff and reply base coat.

FLASH OFF AND DRY TIMES





AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	Until dry	Flash off	-
Dust free	10 - 15 minutes	Dust free	-
Dry to handle	15 - 20 minutes	Dry to handle	-
Dry to tape	15 - 20 minutes	Dry to tape	-
Dry to sand	-	Dry to sand	-
Dry to polish	-	Dry to polish	-

SUBSTRATES



MM 500 - 5999 BeroBase 500 Series should only be applied over well sanded/scuffed and degreased primed bare steel, primed aluminium and primed plastic. Well sanded GRP, OEM primer and old paint systems in good condition.

Please make sure you choose a suitable primer/surfacer by checking the TDS of the primer/surfacer.

POT LIFE AT 20°C / 68°F



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FINISHING MATERIALS



All DeBeer applicable clear coats.

COMPONENTS



1-141 Uni Thinner Fast
1-151 Uni Thinner Medium
1-161 Uni Thinner Slow
1-181 Uni Thinner Ultra Slow

ADDITIVES



59-11 /.../ 59-22 Mysterious Colours & MM5021 Metallic Bright Silver

When adding 59-11 /.../ 59-22 Mysterious Colours & MM5021 Metallic Bright Silver shake the bottle intensively for 2 minutes before use.

SURFACE PREPARATION





Pre clean the surface with 1-951 Silicone Remover wipe on and wipe dry. Sand surface with P400 or finer grit abrasive. Remove all sanding debris with compressed air, sanding vacuum and clean with 1-951 Silicone Remover wipe on and wipe dry.

Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



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PHYSICAL DATA

PHYSICAL DATA MM 500 - 5999 BEROBASE 500 SERIES		
Chemical Base	Special physically drying binders.	
Physical Properties	Viscosity (RTS)	15 - 17 Dincup 4 / 20°C
	Specific Gravity (kg/l)	0,926
	Flash Point Closed Cup	23°C to 25°C / 73,4°F to 77°F
	Volume % Solids	12
	Economy	6 m^2/L/20 µm
		240 ft^2/Gal/0,8 mil
	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

The up-to-date shelf life overview can be found by clicking on the following link:

Shelf life overview DeBeer



NOTES

Specific information for use in Europe (EU): This product (ready for use) is not VOC compliant. Please refer to VOC declaration (2004/42/EC).

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