

## 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



### FINISHING MATERIALS



All DeBeer applicable clear coats.

### COMPONENTS



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

### ADDITIVES



59-11 /.../ 59-22 Mysterious Colours

**When adding 59-11 /.../ 59-22 Mysterious Colours shake the small 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



### 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 <sup>2</sup> /L/20 µm	
		240 ft <sup>2</sup> /Gal/0,8 mil	
	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](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

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