

## **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**

>1 <b>1</b>		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.					
	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				
Physical Properties		6 m²/L/20 μm				
	Economy	240 ft²/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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