

# **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  $\mu m$  (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 /.../ 59-15 Mysterious Colours

When adding 59-11 /.../ 59-15 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 ft <sup>2</sup> /Gal/0,8 mil				
	Gloss	-				
	Colour	-				

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. Unless valspar agrees otherwise in writing, valspar makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Valspar will not be liable for any special, incidental or consequential damages. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. © 2012 The Valspar Corporation. All rights reserved.





MM 500 - 5999 BeroBase 500 Series

# 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  $10^\circ\text{C}$  -  $30^\circ\text{C}$  /  $50^\circ\text{F}$  -  $90^\circ\text{F}$  ) (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).

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. Unless valspar agrees otherwise in writing, valspar makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Valspar will not be liable for any special, incidental or consequential damages. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. © 2012 The Valspar Corporation. All rights reserved.

