

## GENERAL INFORMATION

MM 900 - 9999 WaterBase 900+ Series is a waterbased base-coat layer in a clear-over-base system. Suitable for passenger cars, touring cars and commercial vehicles. With a complete range of toners which provide you the option to mix the most common OEM colours in the market.

### MIXING RATIO



Thinner is implemented in the colour formulation.



Shake lightly.

### GUN SETUP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1.3	Please see appendix attached
HE	1.3	Please see appendix attached

Air pressure mentioned in table is base on inlet air.

### APPLICATION



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

Please see appendix attached.

### 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	-	Dust-free	-
Dry-to-handle	-	Dry-to-handle	-
Dry-to-tape	-	Dry-to-tape	-
Dry-to-sand	-	Dry-to-sand	-
Dry-to-polish	-	Dry-to-polish	-

Please see appendix attached.

### SUBSTRATES



MM 900 - 9999 WaterBase 900+ 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.

### POTLIFE



6 month

Potlife mentioned is only for ready to spray colours.

### COMPONENTS



9-151 WaterBase 900+ Series Thinner

### ADDITIVES



9-819 WaterBase Underhood Additive

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 90-851 De Beer Waterbase Anti-Static Degreaser 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 90-851 De Beer Waterbase Anti-Static Degreaser wipe on and wipe dry.



Mask entire vehicle to eliminate unwanted overspray.

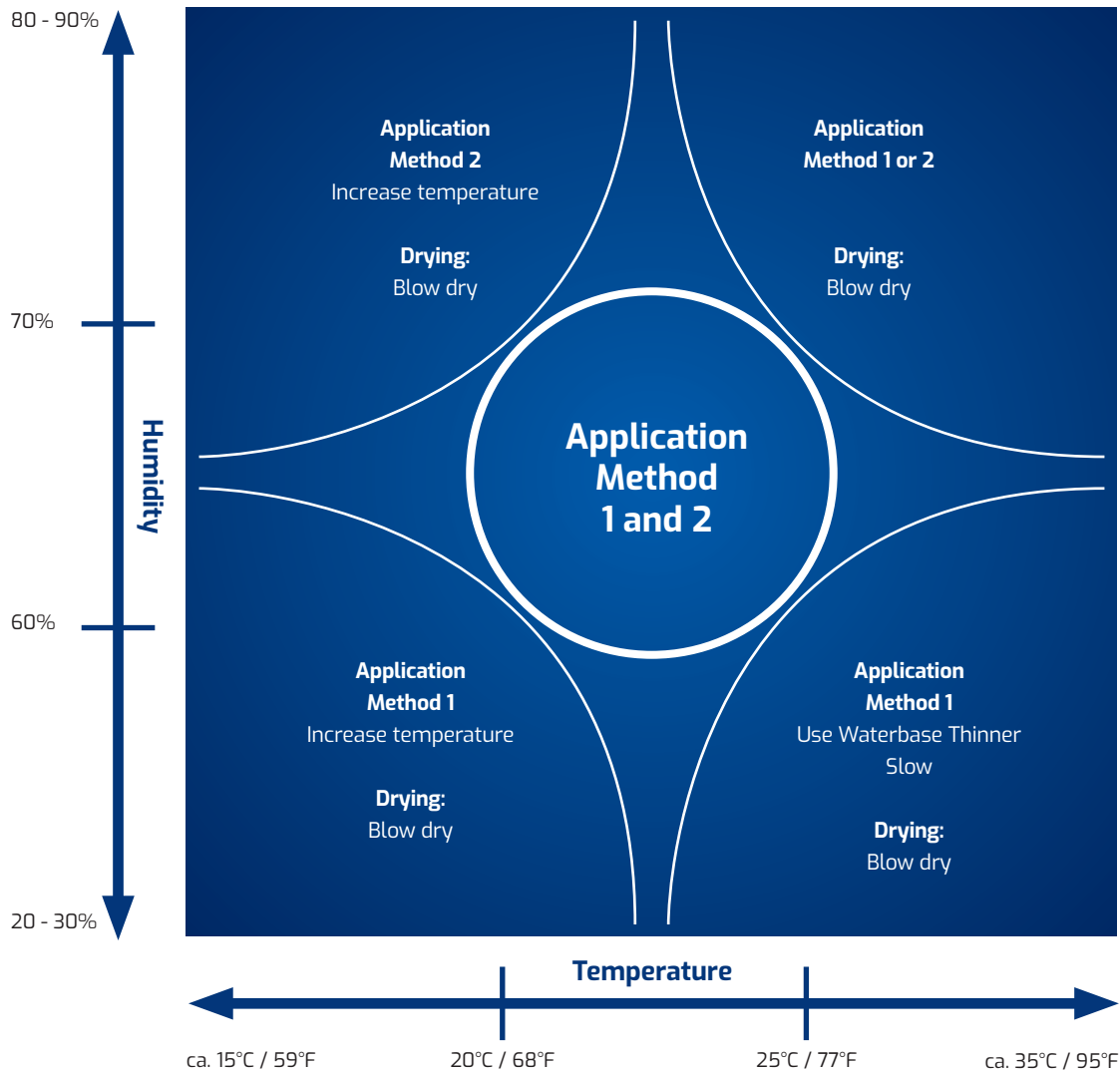
### NEXT LAYER



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### PHYSICAL DATA

RTS REGULATORY DATA:	Mixed Color	
	lb./gal	g/L
Actual VOC	3.5 Max.	420 Max.
Regulatory VOC (less water and exempt solvents)	3.5 Max.	420 Max.
Density	8 - 10	960 - 1200
	WT.%	VOL.%
Total Solids Content	12 - 27	10 - 20
Total Volatile Content	73 - 88	80 - 90
Water	60 - 80	60 - 80
Exempt Compound Content	0	0
Coating Category	Color Coating	



## APPLICATION METHOD 1:

	DESCRIPTION	AIR PRESSURE (BAR / PSI)
<b>STEP 1</b>	Two singles wet coats, wet on wet to cover	2 bar / 29 psi
<b>STEP 2</b>	Blow dry untill matt at 30 - 35°C / 85 - 95°F	-
<b>STEP 3</b>	Drop coat (effect colors only)	1 bar / 14.5 psi
<b>STEP 4</b>	Blow dry untill matt at 30 - 35°C / 85 - 95°F	-



**NOTE:**  
**Surface must be carefully cleaned.**  
**If necessary, first apply a mist coat and blow dry.**

## APPLICATION METHOD 2: \*\*

	DESCRIPTION	AIR PRESSURE (BAR / PSI)
<b>STEP 1</b>	First single wet coat	2 bar / 29 psi
<b>STEP 2</b>	Blow dry untill matt at 30 - 35°C / 85 - 95°F	-
<b>STEP 3</b>	Second single wet coat	2 Bar / 29 PSI
<b>STEP 4</b>	Blow dry untill matt at 30 - 35°C / 85 - 95°F	-
<b>STEP 5</b>	Drop coat (effect colors only)	1 Bar / 14.5 PSI
<b>STEP 6</b>	Blow dry untill matt at 30 - 35°C / 85 - 95°F	-

At temperatures between 20 - 25°C and a relative humidity between 60 - 70%, both Application Methods 1 and 2 are recommended.  
 \*\* Application 2 is preferred for deep black solid colors to achieve the darkest shade.



**DE BEER**  
REFINISH

**MM 900 - 9999**  
WaterBase 900+ Series

## PROTECTION



Use suitable respiratory protection (*we recommend the use of a fresh air supply respirator*).

For more detailed information please visit the following link for the Safety Data Sheet:

<https://sds.de-beer.com>

## CLEANUP



90-852 De Beer Waterbase Gun Cleaner

**After cleaning the spray gun thoroughly blow dry the spray gun with compressed air.**

## STORAGE/SHELF LIFE

Minimum 1 - 2 years; (Under normal storage conditions 5°C - 30°C / 50°F - 90°F) (unopened container).

To prevent freezing, do not expose the product to temperatures below 5°C / 41°F during transportation and storage.

## NOTES



**INFORMATION: If used as instructed, this product is designed to comply with VOC standards in low-VOC jurisdictions. Refer to the Color Focus Formula Retrieval software for compliant color formula and thinner selection instruction. Confirm compliance with state and local air quality rules before use.**