



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.

Custom made formulas add 10-20% 9-151 WaterBase 900+ Series Thinner.



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 reply 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 /.../ 59-22 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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INFRARED DRYING



AFTER FULL FLASH OFF AND AT PROPER DISTANCE	
Half-bake	5 min 60 °C
Full-bake	
See IR Manufacturer information	



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	

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.

Please see appendix attached.

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.