

GENERAL INFORMATION

Shake lightly.

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



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

Thinner is implemented in the colour formulation.



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

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.

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.



INFRARED DRYING

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



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PHYSICAL DATA

RTS REGULATORY DATA:	Mixed Color		
RIS REGULATORY DATA.	Ready for Use		
	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.

STORAGESHELFLIFE

Minimum 1 - 2 years; (Under normal storage conditions $5^{\circ}C - 30^{\circ}C / 50^{\circ}F - 90^{\circ}F$) (unopened container). To prevent freezing, do not expose the product to temperatures below $5^{\circ}C / 41^{\circ}F$ 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.

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