

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% 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 /.../ 59-15 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



PHYSICAL DATA

RTS REGULATORY DATA:		Mixed Color
		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	

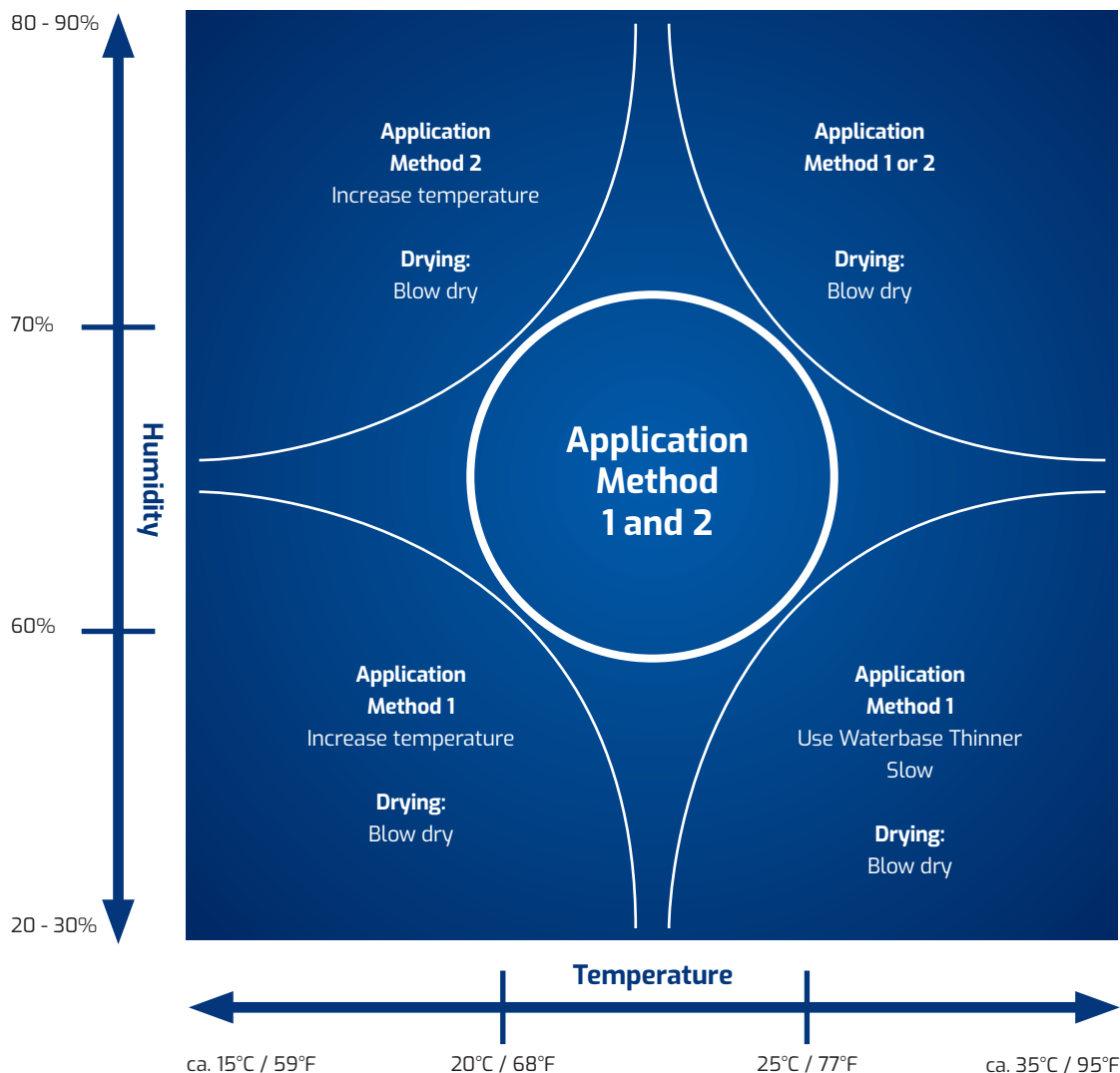
PROTECTION



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>



APPLICATION METHOD 1:

	DESCRIPTION	AIR PRESSURE (BAR / PSI)
STEP 1	Two singles wet coats, wet on wet to cover	2 bar / 29 psi
STEP 2	Blow dry untill matt at 30 - 35°C / 85 - 95°F	-
STEP 3	Drop coat (effect colors only)	1 bar / 14.5 psi
STEP 4	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)
STEP 1	First single wet coat	2 bar / 29 psi
STEP 2	Blow dry untill matt at 30 - 35°C / 85 - 95°F	-
STEP 3	Second single wet coat	2 Bar / 29 PSI
STEP 4	Blow dry untill matt at 30 - 35°C / 85 - 95°F	-
STEP 5	Drop coat (effect colors only)	1 Bar / 14.5 PSI
STEP 6	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.

SHELF LIFE OVERVIEW

CODE	PRODUCT NAME	YEARS
900	WaterBase 900+ Series White	2
901	WaterBase 900+ Series Transparent White	1 1/2
902	WaterBase 900+ Series Oxide Yellow	1
903	WaterBase 900+ Series Blue	1 1/2
904	WaterBase 900+ Series Maroon	2
906	WaterBase 900+ Series Green	2
911	WaterBase 900+ Series Special Black	1 1/2
912	WaterBase 900+ Series Mix Black	2
919	WaterBase 900+ Series Maroon	2
920	WaterBase 900+ Series Green	2
921	WaterBase 900+ Series Oxide Red	1 1/2
922	WaterBase 900+ Series Transparent Bright Red	1 1/2
923	WaterBase 900+ Series Metallic Bright Orange	2
924	WaterBase 900+ Series Blue Green	2
926	WaterBase 900+ Series Purple Red	2
927	WaterBase 900+ Series Oxide Transparent Yellow	2
928	WaterBase 900+ Series Oxide Transparent Brown	1 1/2
929	WaterBase 900+ Series Violet	2
930	WaterBase 900+ Series Violet	2
934	WaterBase 900+ Series Bright Blue	2
938	WaterBase 900+ Series Red	1 1/2
940	WaterBase 900+ Series Leadfree Yellow Orange	2
942	WaterBase 900+ Series Leadfree Yellow	1 1/2
943	WaterBase 900+ Series Transparent Yellow Green	1

CODE	PRODUCT NAME	YEARS
946	WaterBase 900+ Series Blue Green	2
947	WaterBase 900+ Series Transparent Yellow	1
948	WaterBase 900+ Series Transparent Orange	2
950	WaterBase 900+ Series Deep Black	2
951	WaterBase 900+ Series Transparent Red Brown	2
952	WaterBase 900+ Series Mica Red Fine	2
953	WaterBase 900+ Series Mica White	2
954	WaterBase 900+ Series Mica Red	2
955	WaterBase 900+ Series Transparent Red	2
956	WaterBase 900+ Series Transparent Medium Red	2
957	WaterBase 900+ Series Transparent Red	2
959	WaterBase 900+ Series Mica White Fine	2
960	WaterBase 900+ Series Mica Red	2
961	WaterBase 900+ Series Mica Blue	2
962	WaterBase 900+ Series Mica Green	2
963	WaterBase 900+ Series Mica Yellow	2
964	WaterBase 900+ Series Mica Green Blue	2
965	WaterBase 900+ Series Mica Purple	2
966	WaterBase 900+ Series Mica Copper	2
971	WaterBase 900+ Series Xirallic White	2
973	WaterBase 900+ Series Xirallic Gold	2
974	WaterBase 900+ Series Xirallic Green	2
975	WaterBase 900+ Series Metallic Gold	2
976	WaterBase 900+ Series Mica Blue Fine	2

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.

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SHELF LIFE OVERVIEW

CODE	PRODUCT NAME	YEARS
977	WaterBase 900+ Series Base Additive	1 1/2
978	WaterBase 900+ Series Mica White Very Fine	2
979	WaterBase 900+ Series Super Jet Black	1 1/2
980	WaterBase 900+ Series Metallic	2
982	WaterBase 900+ Series Metallic Very Coarse	2
983	WaterBase 900+ Series Metallic Very Fine	2
986	WaterBase 900+ Series Metallic Bright	2
987	WaterBase 900+ Series Metallic Bright NF	2
989	WaterBase 900+ Series Metallic Coarse	2
990	WaterBase 900+ Series Extra White	2
997	WaterBase 900+ Series Xirallic Red	2
998	WaterBase 900+ Series Xirallic Blue	2

CODE	PRODUCT NAME	YEARS
999	WaterBase 900+ Series Flop Additive	2
9031	WaterBase 900+ Series Metallic Ultra Fine Bright	2
9184	WaterBase 900+ Series Metallic Bright Red	2
9091	WaterBase 900+ Series Disorient Additive	2
990	WaterBase 900+ Series Extra White	2
997	WaterBase 900+ Series Xirallic Red	2
998	WaterBase 900+ Series Xirallic Blue	2
999	WaterBase 900+ Series Flop Additive	2
9031	WaterBase 900+ Series Metallic Ultra Fine Bright	2
9184	WaterBase 900+ Series Metallic Bright Red	2
9091	WaterBase 900+ Series Disorient Additive	2

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.