

GENERAL INFORMATION

MM 2000 - 2099 BeroMix 2000 Series is a high gloss 2-pack polyurethane finish, both air drying and force drying. MM2099 Fleet Additive can be used for commercial vehicles or bigger objects.

MIXING RATIO



2 : 1 Top Coat : 2K/MS Hardener + 0 - 10 % Uni Thinner
3 : 1 Top Coat : HS Hardener + 0 - 10 % Uni Thinner

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
 HVLP	1.2-1.4	2/29
 HE	1.2-1.4	1.8-2.0/26-29
 Pressure tank	0.85-1.2	4.0-5.0/58-73
 Airless/ Airmix	0.007-0.009°/40°	160-200

APPLICATION



2 coat 40 - 60 µm (1.6-2.4)

FLASH OFF AND DRY TIMES



AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	5 - 15 minutes	Flash off	5 - 15 minutes
Dust free	20 - 30 minutes	Dust free	-
Dry to handle	8 - 12 hours	Dry to handle	20 - 45 minutes
Dry to tape	8 - 12 hours	Dry to tape	After cooling down
Dry to sand	8 - 12 hours	Dry to sand	After cooling down
Dry to polish	24 hours	Dry to polish	After cooling down

INFRARED DRYING



AFTER FULL FLASH OFF AND AT PROPER DISTANCE	
Half-bake	4 min 60°C
Full-bake	8 min 80°C
See IR Manufacturer information	

SUBSTRATES



MM 2000 - 2099 BeroMix 2000 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



20 minutes - 30 minutes

COMPONENTS



47-20 2K Hardener Air Dry
47-30 2K Hardener Very Fast
47-40 2K Hardener Fast
47-50 2K Hardener Medium
47-60 2K Hardener Slow
47-35 MS Hardener Fast
47-55 MS Hardener Medium
47-65 MS Hardener Slow
8-130 HS Hardener Very Fast
8-140 HS Hardener Fast
8-150 HS Hardener Medium
8-160 HS Hardener Slow
1-141 Uni Thinner Fast
1-151 Uni Thinner Medium
1-161 Uni Thinner Slow
1-171 Uni Thinner Very Slow
1-231 Fade-Out Thinner

ADDITIVES



1-060 2K Structure Coat Fine
1-065 2K Structure Coat Coarse
47-09 2K DB Coating Additive
47-39 2K Elastic
47-49 2K Matting Agent
MM2099 Fleet Additive

Add before hardener. In ICRIS is a option button to choose for a colour formulation with or with out MM2099 Fleet Additive.

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



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PHYSICAL DATA

PHYSICAL DATA MM 2000 - 2099 BEROMIX 2000 SERIES		
Chemical Base	2K Polyurethane Topcoat	
	Viscosity (RTS)	18 - 20 Dincup 4 / 20°C
	Specific Gravity (kg/l)	0.987
	Flash Point Closed Cup	29°C / 84.2°F
Physical Properties	Volume % Solids	35
	Economy	7 m²/L/50 µm 240 ft²/Gal/2 mil
	Gloss	High 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.

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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°C - 30°C / 50°F - 90°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).