

GENERAL INFORMATION

1-105 MS Clear Coat Matt is a matt elasticated top coat finish with air dry and forced dry properties for application over MM 500 - 5999 BeroBase 500 Series and MM 900 - 9999 WaterBase 900* Series. It was especially developed for use on bumpers and plastic parts on passenger cars and commercial vehicles.

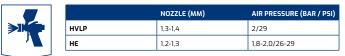
MIXING RATIO



2 : 1 Matt Clear : MS Hardener + 0 - 10% Thinner

Stir the product in the can before mixing with the hardener.

GUN SET UP



APPLICATION



2 coat 40 - 50 m (1,57-1,97 mil)

Layer thickness will have a influence on gloss level. Gloss will increase at higher film thickness.

FLASH OFF AND DRY TIMES



AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	10 - 15 minutes	Flash off	10 - 15 minutes
Dust free	-	Dust free	-
Dry to handle	10 hours	Dry to handle	25 - 35 minutes
Dry to tape	-	Dry to tape	After cooling down
Dry to sand	-	Dry to sand	After cooling down
Dry to polish	-	Dry to polish	-

SUBSTRATES

MM 500 - 5999 BeroBase 500 Series and MM 900 - 9999 WaterBase 900* Series.

Basecoat should be fully dry.

POT LIFE AT 20°C / 68°F



180 - 300 minutes

COMPONENTS



47-35 MS Hardener Fast 47-55 MS Hardener Medium 47-65 MS Hardener Slow 1-141 Uni Thinner Fast 1-151 Uni Thinner Medium 1-161 Uni Thinner Slow

ADDITIVES



1-060 2K Structure Coat Fine 1-065 2K Structure Coat Coarse

Add before hardener.

SURFACE PREPARATION



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



PHYSICAL DATA

EU REGULATIONS				
VOC Code		2004/42/IIB(e)(840)596		
Product sub category (according directive 2004/42/ EC) and max VOC content (ISO 11890-1/2) of the ready to use product.		IIB/e. Special finishes - All types. EU limit values: 840 g/l. (2007) This product contains a maximum of 596 g/l VOC.		
Chemical Base	2K Polyurethane Finish M	2K Polyurethane Finish Matt		
Physical Properties	Viscosity (RTS)	17 - 18 Dincup 4 / 20°C		
	Specific Gravity (kg/l)	1,015		
	Flash Point Closed Cup	25°C / 77°F		
	Volume % Solids	37.5		
	Economy	7,5 m²/L/50 m		
		305 ft²/Gal/2 mil		
	Gloss	Satin gloss		
	Colour	-		

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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).



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