

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



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,4	2/29
HE	1,2-1,3	1,8-2,0/26-29

APPLICATION



2 coat 40 - 50 μm (1,57-1,97 mil)

Layer thickness will have an 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	2004/42/118(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.	118/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 Matt	
Physical Properties	Viscosity (RT5)	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 m ² /L/50 μm 305 ft ² /Gal/2 mil
	Gloss	Satin gloss
	Colour	-



DEBEER
REFINISH

1-105

MS Clear Coat Matt

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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