

GENERAL INFORMATION

CM269 HS Semi Gloss Clear Coat is a premium system that consists of CM267 HS Low Gloss Clear Coat and CM269 HS Semi Gloss Clear Coat, with a dedicated hardener and thinner. This versatile clear coat system was specially developed to reproduce a wide range of gloss levels through mixing of the CM267 HS Low Gloss Clear Coat and CM269 HS Semi Gloss Clear Coat. This is a high quality polyurethane clear coat system, with high durability, for application over B00 - B999 Octabase System and W00 - W999 Octabase Eco Plus System. Suitable for panel or full body repairs with very good drying and application properties.

MIXING RATIO



3 : 1 + 25%

Once you have created your gloss level mixture, mix:

CM267 and CM269 HS Gloss Level Mixture:
3 parts HM260 HS Matt Hardener: 1 part TM261 HS Matt Thinner + 25%

GLOSS LEVELS



GLOSS LEVELS	CM267 LOW GLOSS (WT % OR VOL %)	CM269 SEMI GLOSS (WT % OR VOL %)	GLOSS UNITS (60°)
M1	70	30	0 - 10
M2	50	50	10 - 20
M3	30	70	20 - 30
M4	20	80	30 - 45
M5	0	100	45 - 60

See COINS for complete weight conversion.

To verify the gloss level and color match, it is recommended that a test panel is sprayed before the vehicle is repaired. Refer to the HS Matt level swatches for additional information.

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HE	1,3-1,4	1,8-2,0/26-30

APPLICATION



2½ coat 45-60 µm (1.8-2.4 mil)

Recommended application temperature is 15-30°C (59-86°F)



0,5 COAT (@ 20 CM / IN)	10 - 15 MINUTES FLASH OFF
2 medium-wet closed coats with cross layer application	15 - 20 minutes flash off between cross layers
Before Force Cure	30 minutes flash off

(1) Recommended application temperature is 15-30°C (59-86°F)

(2) The mist layer & flash-off period between coats and prior to baking is critical for the gloss level and even appearance.

(3) Cross layer application is important. The flash-off times may vary depending on application conditions. Film thickness and application technique are also important. Thin films and dry application will give lower gloss, while thick films and heavy application will give higher gloss.

NEXT LAYER



FLASH OFF AND DRY TIMES



AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	-	Flash off	30 minutes
Dust free	10 - 15 minutes	Dust free	-
Dry to handle	2 - 3 hours	Dry to handle	40 minutes
Dry to tape	4 - 5 hours	Dry to tape	After cooling down
Dry to sand	-	Dry to sand	After cooling down
Dry to polish	-	Dry to polish	-

All times above depend on the layer thickness and temperature.

INFRARED DRYING

AFTER FULL FLASH OFF (30 MINUTES) AND AT PROPER DISTANCE	
Medium Wave	15-20 minutes
Short Wave	10-15 minutes
See IR Manufacturer information	

SUBSTRATES



B00 - B999 Octabase System and W00 - W999 Octabase Eco Plus System

POT LIFE AT 20°C / 68°F



60 minutes

COMPONENTS



HM260 HS Matt Clear Coat Hardener
TM261 HS Matt Clear Coat Thinner

ADDITIVES



SURFACE PREPARATION



Base coat should be fully dry. See the supplementary information or associated system technique.



PHYSICAL DATA

EU REGULATIONS		
VOC Code	2004/42/IIIB(e)(840)560	
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 560 g/L VOC.	
Chemical Base	2K Polyurethane Finish Matt	
Physical Properties	Viscosity (RTS)	14 - 19 Dincup 4 / 20°C
	Specific Gravity (kg/l)	0,994
	Flash Point Closed Cup	27°C / 80,6°F
	Volume % Solids	36,3
	Economy	7,2 m ² /L/50 µm
		290 ft ² /Gal/2 mil
	Gloss	Variable Gloss
Colour	Semi Opaque	

Check local regulations before use.

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.octoral.com/en/octoral/choose_localization

CLEAN UP



Gun Cleaner

STORAGE/SHELF LIFE

Minimum 2 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F) (unopened container).



NOTES