

## GENERAL INFORMATION

CC154 Ultra System Clear Matte Repair LG and CC156 Ultra System Clear Matte Repair SG Clears can be mixed in different mixing ratios to achieve the required gloss level to match any OEM low gloss and semi-gloss finish. By using the matte selector choose from 5 different gloss levels that are included in the Color Retrieval System, it can also match the low gloss and the semi gloss to meet your requirements.

## MIXING RATIO



3 : 1 + 25%

Once you have created your gloss level mixture, mix:

CC154 and CC156 Gloss Level Mixture: 3 parts AC55 Activator Matt Repair: 1 part R55 Matt Reducer + 25%

## GLOSS LEVELS



GLOSS LEVELS	CC154 LOW GLOSS (WT % OR VOL %)	CC156 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 Color Retrieval System 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 SETUP



	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)

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.

## 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	After cooling down

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



U9001 - U9999 Ultra 9K Ultra TC1

## POTLIFE



60 minutes

## COMPONENTS



AC55 Ultra System Activator Matte Repair  
R55 Ultra System Reduce Matte Repair

## ADDITIVES



-

## SURFACE PREPARATION

## NOTES



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



## NEXT LAYER



## PHYSICAL DATA

EU REGULATIONS CC156 Ultra System Clear Matte Repair SG			
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)	0,978	
	Flash Point Closed Cup	27°C / 80,6°F	
	Volume % Solids	36,3	
	Economy	7,2 m²/L/50 µm	
		290 ft²/Gal/2 mil	
	Gloss	Variable Gloss	
Colour		Semi Opaque	

Check local regulations before use.

## 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.sherwin-automotive.com/en>

## CLEANUP



CL780 Ultra System Clean Gun Solvent

## STORAGE/SHELF LIFE



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