SHERWIN-WILLIAMS
Automotive Finishes

CC927
2.1 VOC Matte Clearcoat
With Ure-Flex® Technology

PRODUCT AT-A-GLANCE

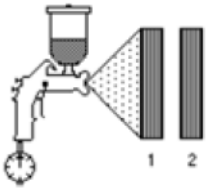
SUITABLE SUBSTRATES

- AWX® Basecoat Colors
- OEM Topcoats
- Aged Refinishes
- ULTRA 7000® Basecoat Colors
- Dimension Basecoat Colors

MIXING

- Shake / stir product thoroughly, prior to each use.
- Please see pages 3 and 4 for CC927 Mixing Instructions.

APPLICATION



1. Adjust air pressure at the gun as follows:
   29-40 psi inlet pressure for compliant high transfer
   10 psi air cap pressure for HVLP
   Nozzle set recommended: 1.3mm
2. Apply two wet coats, at a gun distance of 5 – 7 inches. Desired film build is 2.0 – 2.5 mils (dry). A wet-on-wet application procedure can be used, and is preferred /recommended or 2-3 minute flash can be observed before the second coat. If larger areas are being painted, three medium-wet coats rather than two full wet coats will help eliminate blotchiness.

*** NOTE: Wetter coats increase gloss, and drier coats decrease gloss.**

DRYING SCHEDULE:

Dry times are based on the recommended dry film thickness of 1.0-1.5 mils for basecoat color and 2.0-2.5 mils for clearcoat, thicker films will extend drying times.

Air Dry Times:

Dust Free	45 min
To Deliver	8 hours

Force Dry Times:

30 minutes @ 140ºF surface temperature

NOTE: Booth ramp up time needed to reach this desired surface temperature should be factored into the total bake cycle time. Bake times are based on surface temperature of 140ºF. The time needed to reach this surface temperature is booth dependent. Additional time should be allowed for surface to reach the desired temperature. Use surface temperature gauge to ensure proper surface temperature is being obtained.

NOTES

- Pot Life: 1 hour at 70°F; 40 minutes at 90°F.
- Matte clear **CANNOT BE BUFFED** as it will cause clear to gloss.

PERSONAL PROTECTION

- For use by trained professionals only.
- Read label, directions, and MSDS before use.
- Use appropriate Personal Protective Equipment while mixing and spraying.

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PRODUCT DATA

PRODUCT DESCRIPTION:

CC927 2.1 VOC Matte Clearcoat is a pre-flexed, elastomeric, versatile urethane clearcoat that provides the ability to achieve various gloss finishes for today's "low gloss" refinishing requirements. CC927 is packaged as a "flat" clearcoat. This gloss level can be adjusted to achieve eggshell, satin and semi-gloss by adding CC921,CC923, or HPC21 clearcoats.

SURFACE PREPARATION:

CC927 2.1 VOC Matte Clearcoat is designed for use over AWX® Waterborne basecoat colors.

§ Allow AWX® basecoat color to completely dehydrate before applying clearcoat.

Preparation for Blending Panels (prior to basecoat application)

1. Solvent clean with appropriate Sherwin-Williams surface cleaner and wipe dry with a clean cloth.
2. Blend panel should be sanded with P800 grit or finer paper on a random orbital sander, or scuff sand with a gray scuff pad and USP90 ULTRA SCUFFING PASTE and water. Rinse thoroughly and dry with a clean cloth **(Do not use USP90 with AWXâ Basecoats.)**
3. Repeat step one, and then thoroughly tack surfaces to be painted with a clean tack cloth.

Note for Repairs: The use of blending solvents with a flattened clearcoat can change the gloss level of the blend area. For best results when repairing flattened clearcoats it is recommended that the entire panel is clearcoated.

REGULATORY DATA*

	As Packaged		As Applied	
	G/L	**Lbs/Gal**	**G/L**	**Lbs/Gal**
VOC Total	33	0.27	125	1.04
VOC Less Exempt	75	0.63	223	1.86
	Lbs/Gal Solids	**Lbs/Lbs Solids**	**Lbs/Gal Solids**	**Lbs/Lbs Solids**
HAPs	NA	NA	NA	NA
	Wt.%	**Vol.%**	**Wt.%**	**Vol.%**
Volatiles	58.8	59.1	56.5	58.3
Water	NA	NA	NA	NA
Exempt Compounds	56.1	55.6	44.8	44
	G/L	**Lbs/Gal**	**G/L**	**Lbs/Gal**
Density	1264	10.56	1186	9.9

*** As Applied Data based on CC927 Flat**

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CC927 MIXING INSTRUCTIONS

Step 1: **Choose desired gloss level (Flat / Eggshell / Satin / Semi-Gloss)**
NOTE: If the "Flat" gloss level is desired, you will not mix CC927 with any other clearcoat. Proceed directly to Step 4.

Step 2: **Choose the clearcoat that you wish to decrease the gloss of:**
CC921, CC923,or HPC21
NOTE: If the "Flat" gloss level is desired, you will not mix CC927 with any other clearcoat. Proceed directly to Step 4.

Step 3: **Create your Clearcoat Combination, by mixing CC927 with your chosen clearcoat from Step 2.**
Refer to the Clearcoat Combination Charts below.
NOTE: If the "Flat" gloss level is desired, you will not mix CC927 with any other clearcoat. Proceed directly to Step 4.

CLEARCOAT COMBINATION CHARTS

FLAT
100% CC927

EGGSHELL	
4 PARTS	1 PART
CC927	CC921
CC927	CC923
8 Parts	5 Parts
CC927	HPC21

SATIN	
3 PARTS	1 PART
CC927	CC921
CC927	CC923
3 Parts	2 Parts
CC927	HPC21

SEMI-GLOSS	
2 PARTS	1 PART
CC927	CC921
CC927	CC923
2 Parts	3 Parts
CC927	HPC21

Step 4: **Take your Clearcoat Combination from Step 3 and make it ready to spray. Refer to the Sprayable Mixing Ratio Charts below.**

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SPRAYABLE MIXING RATIO CHARTS

FLAT

CLEARCOAT COMBINATION	MIX RATIO CC927 : Reducer : Hardener	REDUCER	HARDENER
100% CC927	4:15%:1	R26, R28	UH924

	Air Dry	Force-Dry
R26	60-75 F	Below 65 F
R28	70-95 F	65-90F

EGGSHELL

CLEARCOAT COMBINATION	MIX RATIO CC Combination : Reducer : Hardener	REDUCER	HARDENER
CC927 & CC921	4:1:1	R26, R28	UH924
CC927 & CC923	4:1:1	R26, R28	UH924
CC927 & HPC21	6:1:1	R26	UH900

SATIN

CLEARCOAT COMBINATION	MIX RATIO CC Combination : Reducer : Hardener	REDUCER	HARDENER
CC927 & CC921	4:1:1	R26, R28	UH924
CC927 & CC923	4:1:1	R26, R28	UH924
CC927 & HPC21	6:1:1	R26	UH900

SEMI - GLOSS

CLEARCOAT COMBINATION	MIX RATIO CC Combination : Reducer : Hardener	REDUCER	HARDENER
CC927 & CC921	4:1:1	R26, R28	UH924
CC927 & CC923	4:1:1	R26, R28	UH924
CC927 & HPC21	6:1:1	R26	UH900

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