



Custom Clear

VCC580

VCC580 Custom Clear is a premium high build, easy to apply polyurethane clearcoat that provides a deep, high gloss appearance perfect for a show quality finish.

VCC580 is specifically designed for custom shops. VCC580 fills tape lines and graphics, has great vertical hold and is very easy to polish. It can also be used as a lock down clear to protect and level graphics and provide a layer to sand prior to flow coating.

For procedures relating to custom and /or restoration work refer to your PPG Territory Manager or contact Customer service.



Compatible Products and Systems

VCC580 Custom Clear can be used over the systems shown below:

- DELTRON® BC and DG topcoat systems
- ENVIROBASE® High Performance Refinish System - Follow *Envirobase* High Performance Waterborne Basecoat recommendations for proper preparation
- VIBRANCE COLLECTION® topcoat systems - Follow specific product bulletin recommendations for proper preparation and compatible undercoats.

NOTE: Custom or exotic finishes are excluded from coverage under the PPG Paint Performance Guarantee.

Required Products

Hardener

VCH200 *Vibrance* Hardener Normal

VCH300 *Vibrance* Hardener Slow

Reducer

VCT200 *Vibrance* Thinner Medium

VCT300 *Vibrance* Thinner Slow

VC5800

Mixing Ratio:

Standard Mix:



VCC580		VCH200 / VCH300		VCT200 / VCT300
Clearcoat	:	Hardener	:	Reducer/Thinner
2	:	1	:	0.3

Cumulative Weight in Parts (Grams)			
Final RTS Volume	VCC580 Clearcoat	VCH200/VCH300 Hardener	VCT200/VCT300 Thinner
250ml	148.8	221.8	241.5
500ml	297.6	443.7	483.1
1 Litre	595.3	887.4	966.3
4 Litres	2381.1	3549.5	3864.9

For Large Parts:



VCC580		VCH200 / VCH300		VCT200 / VCT300
Clearcoat	:	Hardener	:	Reducer/Thinner
2	:	1	:	0.9

Cumulative Weight in Parts (Grams)			
Final RTS Volume	VCC580 Clearcoat	VCH200/VCH300 Hardener	VCT200/VCT300 Thinner
250ml	125.9	187.7	239.9
500ml	251.9	375.5	479.9
1 Litre	503.7	750.9	959.6
4 Litres	2014.8	3003.5	3838.4

For Small Parts or as a Lock Down Clear:



VCC580		VCH200	:	DT850
Clearcoat	:	Hardener	:	Accelerator
2	:	1	:	0.3

Cumulative Weight in Parts (Grams)			
Final RTS Volume	VCC580 Clearcoat	VCH200 Hardener	DT850 Accelerator Thinner
250ml	148.8	221.8	240.5
500ml	297.6	443.7	481.1
1 Litre	595.3	887.4	962.2
4 Litres	2381.1	3549.5	3848.8



Pot Life:

4 hours at 20°C

Additives:

DA210 Flexibilizer:



VCC580		DA210 :		VCH200:
Clearcoat	:	Flexibiliser	:	Hardener
3	:	1	:	2

DT850 Clear Accelerator Thinner: See ratio above for Lock Down Clear recommendations








Gun Setup:



HVLP:	2-2.5 bar / 30-35 PSI
Compliant:	2-2.5 bar / 30-35 PSI
Gun Setup:	1.3 - 1.5 mm or equivalent

Refer to spraygun manufacturer's recommendations for inlet air pressures.

VC5800

Application:		Apply:	2 - 3 wet coats
		Dry Film Build:	45µm-60µm
Drying Times		Standard Mix:	
		Between Coats:	5 - 10 minutes at 20°C
		Dust Free:	60 - 90 minutes at 20°C
		Tape Time:	12 - 16 hours at 20°C
		Lock Down Clear:	
		Between Coats:	2 - 5 minutes at 20°C
		Dust Free:	30 minutes at 20°C
		Tape Time:	3 - 4 hours at 20°C
		Air Dry:	
		Standard Mix:	12 - 16 hours at 20°C
		Lock Down Clear:	3 - 4 hours at 20°C
		Force Dry:	
		Purge:	None
		Standard Mix:	40 minutes at 60°C
		Lock Down Clear:	
		At normal film builds of 2 to 3 coats:	20 minutes at 60°C
		For heavier films of 4 coats or more:	Baking is not advisable
		IR (Infrared):	
		Medium Wave:	Times will vary depending upon equipment. Refer to equipment supplier.
		Polishing:	
		Air Dry:	12 - 16 hours at 20°C
		Force Dry:	1 hour after cool down
		Repair and Recoat:	
		Recoat:	Recoat after force dry and cool down or 12 - 16 hours air dry for standard mix or 3 - 4 hours for lock down clear.
			VCC580 must be sanded before recoating with primer, color or clear.
		Repair:	Repair after force dry and cool down or 12 - 16 hours air dry.
		Note:	All force dry times are quoted for metal temperature. Additional time must be allowed during force dry to allow metal to reach recommended temperature.
Equipment Cleaning:		Spray guns, gun cups, storage pots, etc. should be cleaned thoroughly after each use with any approved PPG general purpose solvent.	

See Safety Data Sheet and Labels for additional safety information and handling instructions.

Important: The contents of this package must be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the public. Products mentioned may be hazardous and should only be used according to direction, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

PPG Industries Australia PTY Ltd
McNaughton Road
Clayton, Victoria 3168
Australia
Tel: 132424
Fax: 1800 800 819

PPG Industries New Zealand Pty Ltd
5 Vestry Drive
Mt. Wellington, Auckland
New Zealand
Tel: 0800 320 320
Fax: 0800 320 322

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