



VB-13

Vibrance Collection Midcoat

VWM5555

VWM5555 is an innovative midcoat for the *Vibrance Collection** line. VWM5555 creates a midcoat layer over the basecoat and allows painters to use *Vibrance Collection* special effect pigments such as *Radiance** *II* dyes, *Flamboyance**, *Prizmatique**, *Liquid Crystals* and *Ditzler** *Big Flake** over waterborne or solventborne bases.

VWM5555 must be clearcoated with a refinish clear product and may not be used as a clearcoat on its own.

VWM5555 is fast-drying and easy to use, and an essential tool for having full range, VOC-compliant capability in creating show-stopping, eye-catching custom finishes.



Compatible Surfaces

VWM5555 can be used with the systems shown below:

- Envirobase High Performance—Follow EU143 Envirobase HP recommendations for proper preparation and compatible primers.
- *Global* BC Refinish Systems—Follow EU02 *Global* BC recommendations for proper preparation and compatible primers.
- DBC Deltron® 2000 Basecoat—Follow P-175 Deltron DBC recommendations for proper preparation and compatible primers.
- Reference the Vibrance Compatibility Chart (VB20) for compatibility and custom formulating.

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



Directions For Use

Preparation:

When working on custom finishes close attention to the details outlined for standard basecoat preparation, sanding, and cleaning is needed to achieve the optimum results.



When applying a color coat, make sure the ground coat has sufficiently flashed.

PPG color coats are designed to be applied over properly cleaned, sanded and primed surfaces. See the Compatible Surfaces section of Product Information Bulletin P-175 (DBC), EU02 (BC), EU143 (EHP) for an appropriate primer or sealer recommendation.

Hardener Selection:

DCH3620	Medium Temperature (/5° - 95°F / 24° - 35°C)
DCH3630	High Temperature (95° F & above / 35°C & above)
DCH3640	Ultra High Temp Hardener LV (95° F & above / 35°C & above)

Mixing Ratio:



Tinted VWM5555	:	DCH3 <mark>6</mark> XX	
4		1	

Apply medium wet coats until desired color or effect is achieved.



A maximum of 4 coats. If more desired, allow to air dry 16 hours and then apply more coats to desired color.

Allow 15–30 minutes dry time at 70°F (21°C) before clearcoating with appropriate PPG Clears.

Caution: In all cases avoid high film builds of basecoats.

Pot Life:

2-3 hours at 70°F

Additives:



None

Spraygun Set-up:

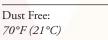


Fluid Tip::	1.3–1.5 mm or equivalent			
HVLP: Conventional:	10 psi at the air gap 45–55 psi at the gun			
Film Build Per Wet Coat:	1.4–2.0 mils			

Drying Times:



Film Build Per Dried Coat:	.7–1.0 mils
Between Coats:	5–7 minutes
70°F (21°C)	



70°F (21°C)

5–7 minutes		
60 minutes		



Tack Free:	2 hours	
70°F (21°C)		

Tape Time:	12–16 hours
70°F (21°C)	To reduce the tape time, force dry 20 min. at 140°F at substrate temperature.
Air Dry Time to Clearcoat:	15–30 minutes at 70° (21°C)



70°F (21°C)	After 24 hours midcoat must be sanded and additional coats applied.
Repair and Recoat: 70°F (21°C)	Repair or Recoat after force dry and cooling cycle or 12–16 hours air dry 70° (21°C).
70 F (21 C)	VWM5555 must be sanded before recoating with

primer, color or clear...

Directions For Use

Color Coating:

VWM5555 colors must be clearcoated with any compatible *Vibrance*, *Deltron** or *Global* clearcoat (see appropriate clearcoat product sheet for waterborne basecoat compatibility).

Due to VOC compliance, when tinting VWM5555 with $\it Radiance^*$ $\it II$ dyes, the maximum amount that can be added is 20% (by weight). See the information in the next section for technical details when using DMX dyes.

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

Technical Data:

	FilmBuild Per Wet Coat:	1.4-	-2.0 mils				
	Dried Film Build Per Coat:	.7-1	.7–1.0 mils				
RTS Combinations:		With Dry Powders/Mica VWM5555 (with powder): DCH36xx		With 20% DMX VWM5555 (with dye) DCH36xx			
	Volume Ratio:		4:1	4:1			
	Applicable Use Category	Colo	or Coating	Color Coating			
	VOC Actual (g/L)		195	290			
	VOC Actual (lbs/gal)		1.63	2.42			
	VOC Regulatory (less water less exempt) (g/L)		304	410			
	VOC Regulator (less water less exempt) (lbs/g	gal)	2.54	3.42			
	Density (g/L)		1059	1035			
	Density (lbs/gal)		8.83	8.63			
	Volatiles wt. %		55.8	59.5			
	Water wt. %		0.0	0.0			
	Exempt wt. %		37.2	31.4			
	Water vol. %		0.0	0.0			
	Exempt vol. %		36.7	29.2			
	Solids vol. %		4 <mark>1.</mark> 4	36.8			
	Sq Ft. Coverage/U.S. gal. (1 mil. @ 100% transfer effic	ciency)	664	592			

Mixing on Scale:

Use the table below to mix tinted VWM5555 on a scale using PARTS. The amounts shown are for each component.

Product	Ratio	4 oz.	8 oz.	12 oz.	16 oz.	22 oz.	26 oz.
VWM5555	4	110.1	220.2	330.4	440.4	605.6	715.8
DCH36XX	1	31.1	62.2	93.3	124.4	171.1	202.0

Use the table below to mix tinted VWM5555 on a scale using GRAMS. The amounts shown are for each component.

Product	Ratio	4 oz.	8 oz.	12 oz.	16 oz.	22 oz.	26 oz.	
VWM5555	4	97.7	195.5	293.3	390.9	537.6	635.4	
DCH36XX	1	27.6	55.2	82.8	110.4	151.9	179.3	

VWM5555

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

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

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