



Product Information



VWM5556

VIBRANCE WATERBORNE MIDCOAT

PRODUCTS

Vibrance Waterborne Midcoat	VWM5556
Envirobase HP Tinters	T4XXX
Flamboyance Powders	VM414X
DX78 Prizmatique Powder	DX77

Note: If using special effect powders other than recommended above please perform a test panel first.

DO NOT USE WITH RADIANCE II CANDY DYES OR DITZLER.

PRODUCT DESCRIPTION

VWM5556 Vibrance Waterborne Midcoat offers a true, waterborne solution for custom car & motorcycle painters or artists wishing to take full advantage of Envirobase HP. VWM5556 will allow the user to create an infinite number of custom colours and effects by choosing special effect powders from the Vibrance® Collection or creating a tinted midcoat using Envirobase HP tinters.

As a multi-purpose, midcoat layer for Envirobase HP basecoat, VWM5556 can also be used to create 3 layer finishes or used as a transparent sealer to protect and overcoat custom graphics before the application of the final 2 pack clearcoat.

Vibrance Waterborne Midcoat is fast-drying and easy-to-use, painters and artists will find VWM5556 an essential element in creating the hottest colors and special effects for waterborne finishes.

PREPARATION OF SUBSTRATE



VWM5556 Vibrance Waterborne Midcoat can be applied on top of a freshly painted clean and dust-free Envirobase HP basecoat.

The use of a clean tack rag is recommended to remove dust from the Envirobase HP basecoat film prior to application of the midcoat layer.

Fully cured PPG refinish clearcoats that have been degreased and sanded.

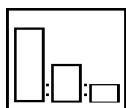
Sound OEM clearcoats that have been degreased and sanded.

Substrates other than those stated should be tested before use, to ensure that the performance of the product is suitable for its intended use.

MIXING RATIO BY WEIGHT % FOR ADDITION OF POWDERS OR TINTER

PRODUCT	% WEIGHT
VWM5556	100%
Envirobase HP Tinters	5% to 25%
Flamboyance Powders	5% Max
DX78 Prizmatique Powder	2% Max

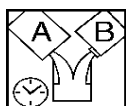
MIXING RATIO FOR ADDITION OF THINNER



PRODUCT
VWM5556 Mixed as above
T494

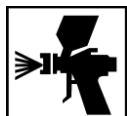
PARTS
4 PARTS VOLUME
1 PART VOLUME - (25% Weight)

POTLIFE



3-4 hours at 20°C

SPRAYGUN SETUP



1.3mm - 1.4mm

SPRAY PRESSURE

HVLP / RP

1.5 Bar / 20-25 PSI

CONVENTIONAL

2.0-2.5 Bar / 30-35 PSI

APPLICATION GUIDE

Test panels should be sprayed out before painting the vehicle. The base colour in combination with the midcoat effect are critical to achieving the required colour or effect. Apply a maximum of 3 mid coats and let each coat flash to a matt finish before applying the next coat.

Do not apply excessive coats of VWM5556 as poor adhesion may result.

NUMBER OF COATS & FLASH OFF (VWM5556 Midcoat)

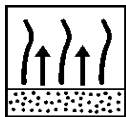


1st coat

Flash off

2nd coat

Flash off



3rd coat

Apply an even medium coat

Flash off until matt

Apply an even medium coat

Flash off until matt

Apply an even medium cross coat

Colour or effect should be achieved within 3 coats

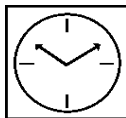
CLEARCOAT AFTER FLASH OFF WITH ANY ENVIROBASE HP RECOMMENDED CLEARCOAT

CLEARCOAT DRYING TIMES



Bake Temperature

SEE CLEARCOAT DATASHEET



Bake time

SEE CLEARCOAT DATASHEET

RE-COAT WINDOW



Re-Coat VWM5556 with itself within 24 Hours of first application.

RE-WORK TIME (AFTER CLEARCOATING)

After air drying for 24 Hours @ 20c or baking for 40 minutes @ 65c.

While working within the Re-coat window make sure that the vehicle is kept in a clean and dry environment.

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

HEALTH AND SAFETY



Please refer to Material Safety Data Sheets for full Health and Safety details and product can labels.

Global Hardeners and activated clearcoats contain isocyanate and therefore particular safety precautions must be taken.

Goggles must be worn when mixing and using to prevent accidental splashing into the eye. If contact occurs with eyes give prolonged irrigation with water and get medical attention immediately.

Good ventilation and extraction must be provided in the working environment.

Wear suitable protective equipment to prevent skin contact with this material.

When spraying this product the operator (and persons in vicinity) must wear suitable air-fed breathing apparatus.

Do not smoke whilst using this material.

This product is for professional use only.

The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Drying times quoted are average times at 20°C/68°F. Film thickness, humidity and shop temperature can all affect drying times.



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