



Prime Low VOC Color Blender- Tech Sheet

Prime PC-500LV, is a Low VOC Color Blender intended for use as a tool to blend and intermix Color Spectra Basecoat colors, tri-coat pearls and light or hard to control basecoat metallics. This transparent Base-Coat is also to be used with the Vivid Collection Dyes for custom applications.

PC-500LV may also be used as a fast drying cut-in clear for Basecoat colors in areas that are not exposed to direct sunlight. This color Blender is not to be used as a durable final topcoat clear and must be clearcoat for exterior use



Features and Benefits

- Color Blender
- Cut - in Clear
- Wed Bed Application
- Fast Dry
- Use with Color Spectra Toners
- Use with Vivid Collection products

Reducer

PR - 860 / 860LV
PR - 870 / 870LV
PR - 885 / 885LV
PR - 895 / 895LV

Compatible Substrates

Cleaned and Sanded OEM Topcoats.
Previously painted surfaces that are properly prepped
Prime Professional Coating Primers and Sealers

Note : Using other Manufactures Primers & Sealers, refer to their product tect sheets for over and under compatibilities

Description

Cool to Cold Temperatures (60 - 70 °F)
Medium Temperatures (65 - 80 °F)
Warm Temperatures (75 - 90 °F)
Hot Temperatures (85 °F and Above)



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Preperations



1. Wash painted surfaces thoroughly with soap and water to remove water-soluble contaminations.
2. Use appropriate Cleaner
3. Sand with 400 - 600 grit sand paper.

Mix Ratios



Standard Mix

$$\frac{\text{BaseCoat}}{1} \quad : \quad \frac{\text{PR - Reducers}}{1}$$



Use as Color Blender

$$\frac{\text{Reduced PC-500LV}}{1} \quad : \quad \frac{\text{Reduced Basecoat Color}}{1}$$



Pot Life

No Pot Life

When using us PH - 500 Series Activators as a Basecoat Activator, use 0.75 ounces per sprayable quart **RTS**
Pot life is 2 hours when mixed.

Additives



PH - 500 Series Activators : 0.75 ounces per sprayable quart **RTS**.

When any layer of Basecoat will be catalyzed with the PH-500 Series activators, all layers, above or below, including the PC-500LV, must also be catalyzed with the PH-500 Series activators at 0.75 ounces per sprayable quart **RTS**.

Option : You may use 0.75 ounces of PH-500 Series Activators to a RTS quart of PC-500LV as a cut-in clear for improved resistance to underhood fluids.

Reminder : The pot life of PC-500LV when activated is 2 Hours at 70°F (21°C)



Fisheye Eliminators are not recommended.



Universal Retarder are not recommended.



Flex additive is not recommended.



Accelerator is not recommended.

Air Pressure & Gun Setup



HVLP

8-10 psi at the air cap

Compliant

29 - 45 psi at the gun

Gun Setup

1.3 - 1.6 mm or equivalent

Approx. Distance

5" - 7"



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Application



As a color Blender:

1 - 2 light to medium coats. Extend each coat a little further than the previous coat. If desired, more of the REDUCED PC-500LV may be added to the color mixture to further reduce the hiding of each blend.

As a lock down clear :

1 light to medium coat with no color added to lock down the metallic or pearl color prior to clearcoat application.

As a wet bed :

A total of 1-2 light to medium coats, applied edge to edge over entire repair area. Allow to flash 5-10 minutes, apply basecoat directly over the wet bed and blend as needed.

As a Fast Cut-In Clear :

Allow the Basecoat color to dry 10-20 minutes then apply 2-3 coats of the reduced (RTS) PC-500LV. DO NOT use as a Fast Cut-in Clear in areas that will be exposed to direct sunlight, as there is not enough UV protection in the PC-500LV compared to a topcoat ClearCoat.

Dried film build per coat : 0.3 - 0.5 mils per coat

Dry Times



Between Coats

As a Color Blender : 5 - 10 minutes at 70°F (21°C)

As a Lock Down Clear : 5 - 10 minutes at 70°F (21°C)

As a Fast Cut-in Clear : 5 - 10 minutes at 70°F (21°C)

Dry times to clearcoat at 70°F (21°C)



As a Color Blender : 15 - 20 minutes at 70°F (21°C)

As a Lock Down Clear : 15 - 20 minutes at 70°F (21°C)

Tape Time : 45 - 60 Minutes at 70°F (21°C) - When mixing 1:1 with PR Reducers

60 Minutes at 70°F (21°C) - When mixing with PH Activators

Note : All striping, 2 toning and clearcoating must be completed within 24 hours. If the basecoat color stage is allowed to dry more than 24 hours, it must be scuffed and new basecoat color applied.



Equipment Cleaning

Spray guns, gun cups, storage pots, etc., should be cleaned thoroughly after each use with any appropriate general purpose solvent.

see SDS for this product

Disposal/Safety:

FOR INDUSTRY USE ONLY

Read SDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE SDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

