



GLOBAL REFINISH
SYSTEM

Product Information

Color Blender D895

Product Description

D895 Color Blender is a multipurpose product used with Global BC color. Mixed ready-to-spray with BC color, it is used as a blending clear along the color blend edge.

D895 may also be used as a clearcoat for cutting in other areas not exposed to direct sunlight.

D895 will appear in some BC color formulas as a mixing clear.

Preparation of Substrate



In all cases, wash all surfaces to be painted with soap and water, then apply the appropriate Global cleaner. See EU-134 Global Cleaners bulletin for selection and usage instructions. Ensure that the substrate is thoroughly cleaned and dried both before and after application work.



Wet sand with U.S. 500-600 / European P800 – 1200 grade paper or dry sanding with European U.S. 400 – 500 / P600 – 800 grade paper.



Wash off residue and dry thoroughly before recleaning with appropriate Global substrate cleaner. The use of a tack rag is recommended.

Apply Global BC Color over original stoved finishes or over recommended Global Primers. See Data Sheet EU02 for Global BC system application details.

APPLICATION GUIDE

Mix Ratio:



When sprayed as a...

Prepare Ready-To-Spray D895...

Color Blender

D895: 1 Vol
Thinner: 1 - 3 Vols.

Cut-in Clear

D895: 1 Vol.
Thinner: 1 Vol.



Then mix as follows...

RTS BC Colour: 1 Vol.
RTS D895: 1 Vol.

Potlife @ 68°F / 20°C:

Color Blender

No limit, stir well
before using.

Cut-in Clear

No limit, stir well
before using.

Thinner Selection:

D870 : Up to 65°F / 18°C
D871 : 65° – 77°F / 18° – 25°C
D872 : 77° – 95°F / 25° – 35°C
D873 : Over 95°F / 35°C

Note: Smaller areas may require faster thinner. Do not use D8700.

Additives:



If any layer of the BC Basecoat has been catalyzed with D888 Basecoat Activator, any subsequent use of the D895 Blender will also have to be catalyzed with 5% D888 per RTS qt.

When spraying as a Cut-in-Clear 5% D888 per RTS qt. can be added to give the paint some chemical resistance.

Potlife of D895/D888 mixture is 2 hours @ 68°F / 20°C

Spraygun set-up:



Fluid Tip

1.3 – 1.5 mm or equivalent

1.3 – 1.5 mm or equivalent

Spray Viscosity

12 – 22 seconds #2 ZAHN
(Signature type) @ 68°F / 20°C

14 – 22 seconds #2 ZAHN
(Signature type) @ 68°F / 20°C

Spray pressure:

HVLP at air cap

6 – 10 PSI

8 – 10 PSI

Conventional at spray gun

25 – 55 PSI

40 – 55 PSI

Number of coats:



Apply

1 – 2 light coats onto the
blend edge, extending each coat
farther than the previous one.

1 - 3 coats as required
for desired gloss.

Film build per wet coat

N/A

1.0 – 2.0 mils

Dried film build per coat

N/A

0.3 – 0.5 mils

Flash off at 68°F / 20°C:



Between coats

Color Blender

1 – 5 minutes

Cut-in Clear

5 – 10 minutes

APPLICATION GUIDE

Drying times:



Dust-free
68°F / 20°C

Color Blender

5 – 10 minutes

Cut-in Clear

5 – 10 minutes



Tack Free
68°F / 20°C

10 – 20 minutes

10 – 20 minutes

Tape Free
68°F / 20°C

20 – 40 minutes

20 – 60 minutes

Overcoat/Recoat:



To Clearcoat:
68°F / 20°C

Color Blender

15 minutes minimum,
24 hour maximum.
After 24 hours, D895 must
be sanded and recoated.

Cut-in Clear

N/A



Clearcoat with:

Any Global Clear approved over BC

Product Compatibility:

D895 can be used as a color blender with Global BC Basecoat Color

D895 can be used as a Cut-in Clear with Global thinners.

D895 may also be used as a clearcoat for cutting in other areas not exposed to direct sunlight.

D895 will appear in some BC color formulas as a mixing clear.

Performance Guidelines:

- If desired, apply 1 light to medium coat of RTS D895 before BC metallic as a bedding clear; or after BC as a lock down clear, then finish with normal global clear.
- Avoid thick films with BC/D895.
- Dry times will be extended at lower temperatures or with D888 added.

Technical Data:

	<u>Color Blender</u>	<u>Cut-in Clear</u>
Total dry film build:		
Minimum	N/A	0.5 mils / 12.5 µm
Maximum	N/A	1.5 mils / 37.5 µm
Film build per wet coat	N/A	1.0 – 2.0 mils / 25 – 50 µm
Dried film build per coat	N/A	0.3 – 0.5 mils / 8.1 – 12.5 µm
Theoretical coverage:	86 – 173 sq.ft. per US gal. 2.1 – 4.2 m ² per litre	173 sq.ft. per US gal. 4.2 m ² per litre
<i>Theoretical coverage in sq.ft./US gal. Ready-to-spray (RTS) giving 1 mil (25 µm) dry film thickness.</i>		
Percent solids by volume RTS:	10.8 – 13.9	10.8 – 13.9
VOC:		
D895	5.72 lbs per US gal. / 685 gms per litre	
D895:D871, 1:1	6.41 lbs per US gal. / 768 gms per litre	
D895:D871:D888, 10:10:1	6.18 lbs per US gal. / 740 gms per litre	
RTS D895 + RTS BC	6.34 – 6.50 lbs per US gal. / 760 – 779 gms per litre	
RTS D895 + RTS BC (wD888)	6.06 – 6.26 lbs per gal. / 726 – 750 gms per litre	

Health and Safety:



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

- The contents of this package may have to 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 and MSDS's of all the components, since the mixture will have the hazards of all its parts.
- Improper handling and use, for example, poor spray technique, inadequate engineering controls and/or lack of proper Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- Provide adequate ventilation for health and fire hazard control.
- Follow company policy, product MSDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on MSDS.
- Always observe all applicable precautions and follow good safety and hygiene practices.

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

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, 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.

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