



GLOBAL REFINISH  
SYSTEM

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# Product Information

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## 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.

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### 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:

	<i>When sprayed as a...</i>	<b>Color Blender</b>	<b>Cut-in Clear</b>
	<i>Prepare Ready-To-Spray D895...</i>	<b>D895: 1 Vol</b> <b>Thinner: 1 - 3 Vols.</b>	<b>D895: 1 Vol.</b> <b>Thinner: 1 Vol.</b>
	<i>Then mix as follows...</i>	<b>RTS BC Colour: 1 Vol.</b> <b>RTS D895: 1 Vol.</b>	
	<i>Potlife @ 68°F / 20°C:</i>	<b>Color Blender</b>	<b>Cut-in Clear</b>
		No limit, stir well before using.	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:

*None*


### Spraygun set-up:

		<b>Color Blender</b>	<b>Cut-in Clear</b>
	<i>Fluid Tip</i>	1.3 – 1.5 mm or equivalent	1.3 – 1.5 mm or equivalent
	<i>Spray Viscosity</i>	12 – 22 seconds #2 ZAHN (Signature type) @ 68°F / 20°C	14 – 22 seconds #2 ZAHN (Signature type) @ 68°F / 20°C


### Spray pressure:

		<b>Color Blender</b>	<b>Cut-in Clear</b>
	<i>HVLP at air cap</i>	6 – 10 PSI	8 – 10 PSI
	<i>Conventional at spray gun</i>	25 – 55 PSI	40 – 55 PSI




### Number of coats:

		<b>Color Blender</b>	<b>Cut-in Clear</b>
	<i>Apply</i>	1 – 2 light coats onto the blend edge, extending each coat farther than the previous one.	1 - 3 coats as required for desired gloss.
	<i>Film build per wet coat</i>	N/A	1.0 – 2.0 mils
	<i>Dried film build per coat</i>	N/A	0.3 – 0.5 mils

### Flash off at 68°F / 20°C:

		<b>Color Blender</b>	<b>Cut-in Clear</b>
	<i>Between coats</i>	1 – 5 minutes	5 – 10 minutes

### Drying times:

		<b>Color Blender</b>	<b>Cut-in Clear</b>
	<i>Dust-free</i> 68°F / 20°C	5 – 10 minutes	5 – 10 minutes
	<i>Tack Free</i> 68°F / 20°C	10 – 20 minutes	10 – 20 minutes
	<i>Tape Free</i> 68°F / 20°C	20 – 40 minutes	20 – 60 minutes

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## APPLICATION GUIDE

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### 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

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### 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.

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### 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.
  - Recoating times will be extended at lower temperatures.
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### Technical Data:

	<u>Color Blender</u>	<u>Cut-in Clear</u>
<b>Total dry film build:</b>		
Minimum	N/A	0.5 mils
Maximum	N/A	1.5 mils
Film build per wet coat	N/A	1.0 – 2.0 mils
Dried film build per coat	N/A	0.3 – 0.5 mils
<b>Theoretical coverage:</b>	86 – 173 sq.ft. per US gal.	173 sq.ft. per US gal.
	<i>Theoretical coverage in sq.ft./US gal. Ready-to-spray (RTS) giving 1 mil dry film thickness.</i>	
<b>Percent solids by volume RTS:</b>	5.4 – 10.8	10.8
<b>VOC:</b>		
D895	5.7 lbs. per US gal.	
D895 : D872 (1:1)	6.4 lbs. per US gal.	

## Color Blender

### Mix Ratio:



When sprayed as a...

#### Color Blender

#### Cut-in Clear

Prepare Ready-To-Spray D895...

**D895: 1 Vol.**  
**Thinner: 1 - 3 Vols.**

**D895: 1 Vol.**  
**Thinner: 1 Vol.**

Then mix as follows...

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

#### **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:

Pot life:

@ 68°F / 20°C

#### Color Blender

No limit, stir well  
before using.

#### Cut-in Clear

No limit, stir well  
before using.

None

### Air Pressure:



HVLP:

6 – 10 PSI

8 – 10 PSI

Conventional:

25 – 55 PSI

40 – 55 PSI

Fluid tip:

1.3 – 1.5 mm or equivalent

1.3 – 1.5 mm or equivalent

### Application:



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

Between coats:

1 – 5 minutes

5 – 10 minutes

Film Build Per Wet Coat:

N/A

1.0 – 2.0 mils

Dried Film Build Per Coat:

NA

0.3 – 0.5 mils

### Dry Times:



Dust-free

68°F / 20°C

5 – 10 minutes

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



To Clearcoat

68°F / 20°C

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

N/A

Clearcoat with

Any Global Clear approved over BC

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## 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.

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

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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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