

Colour Blender

EU-113

D895



GLOBAL REFINISH
SYSTEM™

Product Description:

GLOBAL REFINISH SYSTEM™ D895 Colour Blender is a multipurpose product used with *Global Refinish System* BC colour. Mixed ready-to-spray with BC Colour, it is used as a blending clear along the colour 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 Colour 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 Refinish System* cleaner. See EU-134 *Global Refinish System* 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 European P800-P1200 / US 500-600 grade paper or dry sanding with European P600-800 / US 400-500 grade paper.
- Wash off residue and dry thoroughly before re-cleaning with appropriate *Global Refinish System* substrate cleaner. The use of a tack rag is recommended.
- Apply *Global Refinish System* BC Colour over original stoved finishes or over recommended *Global Refinish System* primers. See data sheet EU-02 or EU-02CA for *Global Refinish System* BC system application details.

Required Products

Thinner

D870	Fast Thinner 60-65°F (15-18°C)
D871	Medium Thinner 65-77°F (18-25°C)
D872	Slow Thinner 77-95°F (25-35°C)
D873	Very Slow Thinner Over 95°F (35°C)

Note: Smaller areas may require faster thinner.

D895

Mix Ratios:



Colour Blender

Prepare Ready-to-spray D895

D895: 1 vol.
D Series Thinner: 1-3 vols.

Then mix as follows:

RTS BC Colour: 1 vol.
RTS D895: 1 vol.



Cut-in-Clear

Prepare Ready-to-spray D895

D895: 1 vol.
D Series Thinner: 1 vol.

Pot Life:



No limit, stir well before using
(for both Colour Blender and Cut-in-Clear formulations)

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 quart**.

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

Pot Life of D895/D888 mixture is 2 hours at 68°F (20°C)

Spraygun Setup:



Fluid Tip:
Spray Viscosity:

Colour Blender
1.3-1.5 mm or equivalent
12-22 seconds #2 ZAHN
at 68°F (20°C)

Cut-in-Clear
1.3-1.5 mm or equivalent
14-22 seconds #2 ZAHN
at 68°F (20°C)

Spray Pressure:

HVLP:
Compliant:

Colour Blender
6-10 psi at the air cap
29-40 psi at the gun

Cut-in-Clear
8-10 psi at the air cap
29-40 psi at the gun

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

Number of Coats:



Apply:

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

Cut-in-Clear
1-3 coats as required for desired
gloss level.

Total wet film build per coat:
Total dry film build per coat:

Colour Blender
N/A
N/A

Cut-in-Clear
1.0-2.0 mils
0.3-0.5mils

Drying Times:



Between Coats:

Colour Blender
1-5 minutes at 68°F (20°C)

Cut-in-Clear
5-10 minutes at 68°F (20°C)

Dust Free:

Colour Blender
5-10 minutes at 68°F (20°C)

Cut-in-Clear
5-10 minutes at 68°F (20°C)

Tape Free:

Colour Blender
20-40 minutes at 68°F (20°C)

Cut-in-Clear
20-60 minutes at 68°F (20°C)



To Clearcoat:

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

Cut-in-Clear
N/A



Clearcoat with:

Colour Blender
Any Global Refinish System clear
approved over BC.

D895

Product

Compatibility:

D895 can be used as a colour blender with *Global Refinish System* BC Basecoat Colour
D895 can be used as a Cut-in-Clear for areas not exposed to directly sunlight.
D895 will appear in some BC colour 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 Refinish System* clear.
- Avoid thick films with BC/D895
- Dry times will be extended at lower temperatures or with D888 added.

Technical Data:

	<u>Colour Blender</u>	<u>Cut-in-Clear</u>
Total dry film build:		
Minimum after sanding:	N/A	12.5 µm / 0.5 mils
Maximum after sanding:	N/A	37.5 µm / 1.5 mils
Film build per wet coat:	N/A	25-50 µm / 1.0-2.0 mils
Dried film build per coat:	N/A	8.1-12.5 µm / 0.3-0.5 mils

RTS Combinations	D895 : D871	D895 : D871 : D888	RTS D895 + RTS BC	RTS D895 + RTS BC (w/D888)
Volume Ratio	1 : 1	10 : 10 : 1	1 + 1	1 + 1
VOC Actual g/L	768	740	760-779	726-750
VOC Actual lbs./ US gal	6.41	6.18	6.34-6.50	6.06-6.26
VOC Regulatory (less water less exempts) g/L	768	740	760-779	726-750
VOC Regulatory (less water less exempts) lbs./ US gal	6.41	6.18	6.34-6.50	6.06-6.26
Solids vol. %	10.8	13.9	9.7-13.7	11.2-15.2
Theoretical Coverage *- Sq. Ft. / US gal.	173	223	156-220	180-244
Theoretical Coverage *- m ² per litre coverage	4.2	5.5	3.8-5.4	4.4-6.0

*Theoretical coverage in sq. ft. US/Gal. (m²/Liter) Ready-to-Spray (RTS) giving 1 mil (25 µm) dry film thickness.

D895

Health and Safety:



- 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 SDS's of all the components, since the mixture will have the hazards of all of 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 SDS 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 SDS.
- Always observe all applicable precautions and follow good safety and hygiene practices.

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



Important: The contents of this package must 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 of all components since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

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 public. Products mentioned may be hazardous and should only be used according to direction, 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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Colour Blender

Mix:Colour BlenderPrepare Ready to Spray D895

D895 : D Series Thinner
1 : 1-3

Then Mix as Follows

RTS BC Colour : RTS D895
1 : 1

Thinner

D870 Fast Thinner 60-65°F (15-18°C)
D871 Medium Thinner 65-77°F (18-25°C)
D872 Slow Thinner 77-95°F (25-35°C)
D873 Very Slow Thinner Over 95°F (35°C)

Cut-in-Clear

D895 : D Series Thinner
1 : 1

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 quart**.

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

Pot Life:

No limit for Colour Blender or Cut-in-Clear, stir well before using 68°F (20°C)

D895/D888 mixture is 2 hours at 68°F (20°C)

Air Pressure:Colour BlenderCut-in-Clear*Fluid Tip:*

1.3-1.5 mm or equivalent

1.3-1.5 mm or equivalent

*Spray Viscosity:*12-22 seconds #2 ZAHN
at 68°F (20°C)14-22 seconds #2 ZAHN
at 68°F (20°C)*HVLP:*

6-10 psi at the air cap

8-10 psi at the air cap

Compliant:

29-40 psi at the gun

29-40 psi at the gun

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 level.*Total wet film build per coat:*

N/A

1.0-2.0 mils

Total dry film build per coat:

N/A

0.3-0.5mils

Dry Times:*Between Coats:*

1-5 minutes at 68°F (20°C)

5-10 minutes at 68°F (20°C)

Dust Free:

5-10 minutes at 68°F (20°C)

5-10 minutes at 68°F (20°C)

Tape Free:

20-40 minutes at 68°F (20°C)

20-60 minutes at 68°F (20°C)

To Clearcoat:

15 minutes minimum

N/A

24 hours maximum

After 24 hours, D895 must be
sanded and recoated.*Clearcoat with:*Any *Global Refinish System* clear
approved over BC.