



FBCH500

FBCH500 is a color blending tool that can be mixed with ready-to-spray FBCH Basecoat Color to make a color blender for invisible spot repairs. After applying the ready-to-spray FBCH color to hiding in the spot repair area, mix the FBCH500 Blending Clear as shown below and use as necessary to step out the color blend to make an invisible repair prior to clearcoating.

Mixing the FBCH500 Blending Clear by Volume

1. Pour 6 ounces of FBCH500
2. Add 2 ounces of F3259 or F3260 hardener
3. Add 2 ounces of F3440 additive
4. Add 1 - 2 ounces of ready-to-spray FBCH color.



This mixture will yield 11 - 12 ounces of sprayable color blender.

Mixing the FBCH500 Blending Clear on a Digital scale

1. Select the column with the amount of sprayable blending agent you want to mix.
2. Place a container or spray gun cup on the scale and zero it out.
3. Pour up to the number of parts of each product called for in the column (cumulative).

Product	8 ounces	12 ounces	16 ounces	24 ounces	36 ounces
FBCH500 Blending Clear	131 parts	197 parts	263 parts	394 parts	590 parts
F3259 or F3260 Hardener	181 parts	271 parts	361 parts	541 parts	812 parts
F3440 Additive	226 parts	339 parts	451 parts	677 parts	1,015 parts
FBCH Color (ready-to-spray)	271 parts	406 parts	541 parts	812 parts	1,218 parts

After adding components, mix thoroughly by hand.

- Spray ready-to-spray color over primed repair area until hiding is achieved.
- Spray the FBCH500 color blender reduced as above over the entire spot repair area, stepping out each coat until an invisible blend is achieved using standard blending practices.
- Apply a recommended *Delfleet* clearcoat over the entire FBCH / FBCH500 repair area. (See DFT-001 FBCH Product Data Sheet for compatible clearcoats.)
- After drying, the entire repair area may be lightly polished with a foam pad if necessary.
- If necessary ready-to-spray FBCH500 can be applied as a “wet bed” over the entire spot repair area prior to color application on high metallic colors.
- **Do not apply SXA840 Blending Solvent directly to FBCH color.**
- For further instructions on blending please attend the Training Course PPG720 – *Delfleet* Spot Repair and Color Tinting.
- For more information on FBCH High Solids Polyurethane Basecoat please refer to DFT-004.



RTS Combinations:	FBCH500 : F3259 or F3260 : F3440	FBCH500 : F3259 or F3260 : F3440 : FBCH RTS color
Volume Ratio	6 : 2 : 2	6 : 2 : 2 : 1-2
Applicable Use Category	Uniform Finish Ctg	Uniform Finish Ctg
VOC Actual	311 (g/L) 2.6 (lbs/gal)	304 – 315 (g/L) 2.54 - 2.63 (lbs/gal)
VOC Regulatory (less water less exempt)	388 (g/L) 3.24 (lbs/gal)	379 – 393 (g/L) 3.16 - 3.28 (lbs/gal)
Density	1014 (g/L) 8.46 (lbs/gal)	1014 – 1032 (g/L) 8.46 - 8.61 (lbs/gal)
Volatiles wt.	50.5 %	48.9 - 50.8 %
Water wt.	0.0 %	0.0 %
Exempt wt.	19.8 %	19.4 - 19.8 %
Water vol.	0.0 %	0.0 %
Exempt vol.	19.7 %	19.7 %

Health and Safety:



Safety Data Sheets (SDS) for the PPG products mentioned in this publication are available through www.ppgcommercialcoatings.com (Safety, SDS Search) or your PPG Distributor.

For additional information regarding this product, see the SDS and LABEL information.

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