



Delfleet® Evolution - Blending Clear Guide

DFTTB-002

FDGH500

FDGH500 Blending Clear can be mixed with ready-to-spray FDGH Single Stage Color to make a color blender for invisible spot repairs. After achieving hiding in the repair area, mix the FDGH500 Blending Clear as shown below and spray as necessary to blend the color edges.

Mixing the FDGH500 Blending Clear by Volume

1. Pour 6 ounces of FDGH500
2. Add 2 ounces of F3260 hardener
3. Add ½ ounce of F3400 additive
4. Add ½ - 1½ ounces of ready-to-spray FDGH color.



This mixture will yield 9 - 10 ounces of sprayable color blender.

Mixing the FDGH500 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
FDGH500 Blending Clear	162 parts	243 parts	325 parts	487 parts	730 parts
F3260 Hardener	221 parts	332 parts	443 parts	664 parts	996 parts
F3400 Additive	234 parts	352 parts	469 parts	703 parts	1,055 parts
FDGH Color (ready to spray)	276 parts	414 parts	551 parts	827 parts	1,241 parts

After adding components, mix thoroughly by hand.

- Spray ready-to-spray color over primed repair area until hiding is achieved.
- Spray color blender reduced as instructed above over the entire spot repair area, stepping out each coat until an invisible blend is achieved using standard blending practices.
- SXA840 Blending Solvent may be lightly sprayed on the edges of the last application of the color blender. (See One Choice Technical Bulletin OC3 for additional application instructions)
- If necessary, prior to color application on high metallic colors, ready-to-spray FDGH500 can be applied as a “wet bed” over the entire repair area.
- After drying, the entire repair area may be lightly polished with a foam pad.
- For further instructions on blending please attend the Training Course PPG720 – Delfleet Spot Repair and Color Tinting.
- For more information on FDGH Single Stage High Polyurethane Enamel please refer to DFT002.

RTS Combinations:	FDGH500 : F3260 : F3400	FDGH500 : F3260 : F3400 : FDGH RTS color
Volume Ratio:	6 : 2 : ½	6 : 2 : ½ : ½-1½
Applicable Use Category	Uniform Finish Ctg	Uniform Finish Ctg
VOC Actual (g/L)	376	366 - 376
VOC Actual (lbs/gal)	3.14	3.05 - 3.14
VOC Regulatory (less water less exempt) (g/L)	376	371 - 379
VOC Regulatory (less water less exempt) (lbs/gal)	3.14	3.10 - 3.16
Density (g/L)	1033	1034 - 1059
Density (lbs/gal)	8.62	8.63 - 8.84
Volatiles wt. %	36.4	36.0 - 37.8
Water wt. %	0.0	0.0
Exempt wt. %	0.0	0.5 - 2.6
Water vol. %	0.0	0.0
Exempt vol. %	0.0	0.5 - 2.6