

ColorBalancer Technical Data Sheet

Description

ColorBalancer is a patent pending, point of delivery color matching aid that is designed to assist in the color tinting of adjacent panels to achieve color match acceptance as well as a color adjusting topcoat.

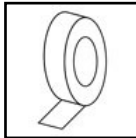
Application

Use only in a well ventilated area.



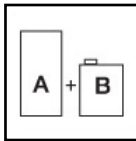
1.) Preparation

Area to be sprayed should be cleaned using **CBC Cleaner** prior to the application of **ColorBalancer Products**. **CBC Cleaner** chemically cleans and prepares the surface for adhesion without the need for sanding.



2.) Mask

Mask surrounding area to be sprayed using 12" paper to reduce overspray.



3.) Mix ColorBalancer

NON-ACTIVATED METHOD: Mix by WEIGHT 5% to 8% with remaining Ready-to-Spray (RTS) basecoat.

NON-ACTIVATED	Percent (By WEIGHT)	Cumulative Example
ColorBalancer	100%	50.0 grams
RTS Basecoat	5%	52.5 grams
RTS Basecoat	6%	53.0 grams
RTS Basecoat	7%	53.5 grams
RTS Basecoat	8%	54.0 grams

ACTIVATED METHOD: Mix by WEIGHT 5% to 8% with remaining Ready-to-Spray (RTS) basecoat PLUS 1% Activator. **ColorBalancer** should be mixed with solvent borne basecoat to achieve color acceptability. Activating **ColorBalancer** provides exceptional durability. **NOTE: When activated, ColorBalancer contains isocyanate and a positive pressure, supplied air respirator must be worn.**

ACTIVATED	Percent (By WEIGHT)	Cumulative Example
ColorBalancer	100%	50.0 grams
RTS Basecoat	5%	52.5 grams
Activator	1%	53.0 grams
ColorBalancer	100%	50.0 grams
RTS Basecoat	6%	53.0 grams
Activator	1%	53.5 grams
ColorBalancer	100%	50.0 grams
RTS Basecoat	7%	53.5 grams
Activator	1%	53.5 grams
ColorBalancer	100%	50.0 grams
RTS Basecoat	8%	54.0 grams
Activator	1%	54.5 grams

4.) Gun Setups

Optimum Gun Setup	Conventional	HVLP
Gravity Feed: 1.0mm-1.5mm	Siphon Feed: 1.0 mm-1.5 mm Gravity Feed: 1.0 mm-1.5 mm	Siphon Feed: 1.0 mm-1.5 mm @ 6-8 PSI at cap Gravity Feed: 1.0 mm-1.5 mm @ 6-8 PSI at cap



5.) Application

Apply number of coats needed to achieve an acceptable color match. Check results after each coat.

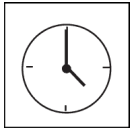
Recommended Step: When the color-match reaches an acceptable state, clean your spray gun and apply a coat of Clear ColorBalancer. Do not add any basecoat to this last application. This will add a thin, protective layer to the finish allowing you to lightly sand and buff without removing any of the color resulting in an enhanced level of gloss.



6.) Hand Buff

The application of ColorBalancer may diminish the gloss of the finish. After drying you may want to lightly machine buff with a foam pad to restore the desired level of gloss.

Flash/Dry Times



Air Dry @ 70° F

Flash between Coats:	2 min.
Dust Free:	1 min.
Time to Handle (Assemble):	5 min.
Time to Polish:	10 min.
Time to Stripe:	10 min.
Time to Deliver:	10 min.
Time to Decal:	10 min.



Cleanup



Clean spray equipment as soon as possible with any gun cleaning solvent.

Physical Properties

VOC: 5.6 lbs/gal ready-to-spray.
Weight Solids: See MSDS.
Volume Solids: See MSDS.
Recommended Dry Film Thickness: 0.1 - 0.5 mils in 3 coats.
Flash Point: See MSDS.

Pot Life: 5 hours

VOC Regulated Areas

These directions refer to the use of products which may be restricted in VOC regulated areas. Follow usage recommendations in the VOC Compliant Products Chart for your area.

Safety and Handling

Before using any ColorBalancer Product, be sure to read all safety directions and warnings. WEAR A PROPERLY FITTED AIR PURIFYING RESPIRATOR with organic vapor cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A), eye protection, gloves and protective clothing during application and until all vapors and spray mists are exhausted. In confined spaces, or in situations where continuous spray operations are typical, or if proper air purifying respirator fit is not possible, wear a positive-pressure, supplied air respirator (NIOSH TC-19). In all cases follow respirator manufacturer's directions for respirator use. Do not permit anyone without protection in the painting area. This product is intended for industrial use only by professional, trained painters.

Please visit: www.SpectrumDetails.com to view or print an additional copy of this "Technical Data" sheet.