

MIXING RATIO



MPB : MR-0800 SERIES REDUCERS
1Part : 1Parts

**Tech Tip:* The use of MX-57 is highly recommended for solid colors or AccuShade™ formulas containing large amounts of black toners.

MIXING RATIO WITH MX-57

Option 1: MPB MR-REDUCER MX-57
1 Part 1 Parts 1.5 oz per RTS qt.

Option 2: MPB MR-REDUCER MX-57
1 Part 1 Parts 5% (by volume)

Option 3: MPB MR-REDUCER MX-57
16 Oz. 16 Oz. 42.5grams

Option 4: Add 10% by volume to unreduced MPB basecoat. Then reduce MPB as normal.

Note: MX-57 Basecoat Activator is highly recommended for best performance.

Note: Agitate basecoats using a mechanical paint shaker to ensure metallics are in solution prior to reduction. Mix (by volume) 1 parts paint to 1parts reducer to 1.5 oz. MX-57 per RTS qt. Reduce only with MR-0800 Series Reducers based on temperature range.

Note: MX-57 Basecoat activator is recommended for use whenever elevated film builds such as those resulting from applying multi stage finishes. See the MX-57 Technical Data Sheet for additional information.

Note: Using temperature correct reducers is critical in the application of paint finishes and failure to use the correct temperature reducer can result in a myriad of problems associated with coatings drying too fast or drying too slow.

Mix thoroughly before use. Product must be discarded after 2 hours when using MX-57.

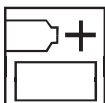
POT LIFE



<u>Basecoat Activator</u>	<u>Time</u>	<u>Temp</u>
MX-57	2 Hours	77° F Highly Recommended
Without MX-57	INDEFINITE	77° F

**Tech Tip:* Pot life will shorten as temperatures increase. Matrix System products are not recommended for use in temperatures below 65° F.

ADDITIVES



ACCELERATOR
Accelerator is not recommended for use in this product.



FISH EYE ELIMINATOR
Fish Eye Eliminator is not recommended for use in this product.

APPLICATION



Apply 2-3 medium wet coats or until hiding is achieved at 35-45 psi or (8-10 psi when using HVLP at the aircap), allowing a 10-15 minute flash time between coats. Allow the final coat of MPB to dry 15-30 minutes at 77° F. before applying clearcoat. Do not allow to dry longer than 24 hours without clearcoating or MPB must be lightly scuffed and a additional coat of MPB basecoat must be applied to restore color uniformity.

Note: Basecoat colors are designed to dry to a low gloss. This makes color match and its approval difficult to see until the clearcoat is applied.

A good technique to ensure color match and/or blendability is to spray the basecoat and clearcoat on a small test panel before doing the actual repair. Color match cannot be fully determined without clearcoating the test panel.



GUN TYPE	<u>HVLP</u>	<u>Conventional</u>
SIZE	1.3 - 1.5 mm	1.3 - 1.5 mm
PSI	8 - 10 at Aircap	35 - 45 at Gun



BLENDING

MPB-500 may be used to aid color blending when experiencing difficulty with metallic control to help achieve an undetectable blend area, for specific instructions refer to the MPB-500 Technical Data Sheet.

***Tech Tip:** When blending MPB color extend each coat out past the previous coat graduating the color out from the repair area until an undetectable bland has been achieved.

TAPE TIME

Tape time on MPB is 20-40 minutes at 77° F. When using MX-57 tape time on MPB is 30-60 minutes at 77° F.

REPAIRING & RECOATING



MPB may be recoated after 15-30 minutes or up to 24 hours at 77°F with itself, it may be scuffed after 30 minutes at 77°F if necessary. After 24 hours depending on temperature/humidity, MPB must be lightly scuffed and a additional coat of MPB basecoat must be applied to restore color uniformity.

ARTWORK & INTERCOAT CLEAR



DO NOT TAPE DIRECTLY ONTO THE BASECOAT WHENEVER POSSIBLE! If artwork is planned, apply 1 or 2 medium coats of MPB-500 or Matrix clearcoat to protect the underlying paint layer from mishaps such as tape marks, chemical spills or etc that may damage layers applied at a prior date. In addition, the protective clearcoat is easier to sand imperfections out of and will not require to be repainted with color after sanding. See tech sheet for more information on MPB-500 or Matrix clearcoat.

CLEARCOAT

All Matrix clearcoats may be used over MPB Series Basecoats.

EQUIPMENT CLEANUP



Clean equipment immediately after use with MX-110 Gun Wash or a high quality lacquer thinner.

TECHNICAL DATA

	<u>Standard Reduction</u>	<u>With MX-57</u>
Color:	Various	Various
Mixing Ratio:	1:1	1.5 oz. per RTS qt of MPB
Viscosity #2 Zahn (RTS):	15 - 18 seconds	15 - 18 seconds
Film Build:	0.4 mils	0.4 mils
Pot Life:	None, mix thoroughly	2 Hours
Coverage (Depending on color):	144-225 sq. ft.	160-241 sq. ft.
Dust Free:	10 minutes	10-15 minutes
Tack Free:	15-20 minutes	20-30 minutes
Tape Time:	20-40 minutes	30-60 minutes
V.O.C. (RTS)	6.0 - 6.6 lbs/gal	5.9 - 6.4 lbs/gal
Disposal/Safety:	see MSDS for this product	see MSDS for this product

NOTE: Matrix System products are not recommended for use in temperatures below 60°F. Use below these temperatures will effect dry times and performance.

FOR INDUSTRY USE ONLY

Read MSDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

Put it to the test!

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Rev: 1/06 4 of 4

**PREMIUM
BASECOAT**