



## GENERAL INFORMATION

MPB-500 Color Blender is a transparent basecoat to be used with intermix colors as well as custom applications.



### 1. COMPONENTS

- MPB-500 Color Blender
- MX-57 Basecoat Activator
- MR-0860 Premium Urethane Reducer - Cool Temp
- MR-0870 Premium Urethane Reducer - Medium Temp
- MR-0885 Premium Urethane Reducer - Warm Temp
- MR-0895 Premium Urethane Reducer - Hot Temp
- MR-0898 Premium Urethane Reducer - Extreme Heat



### 2. MIXING RATIO (1:1) OR (1:1:5% by Vol.)

- Mix one (1) part MPB-500 Color Blender with one (1) part MR-Series Reducer

- Mix one (1) part MPB-500 with one (1) part MR-Series Reducer and 5% of MX-57 Basecoat Activator by volume.

\*NOTE: MX-57 must be used to catalyze entire basecoat film when applied in multi-layer applications (Example: OEM Tri-coat or multi-color)



### 3. POT LIFE @ 77°F (25°C)

- Sprayable up to 2 hours with MX-57
- Infinite pot life when mixed without MX-57

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



### 4. CLEAN UP

- Clean equipment immediately after use (check local regulations)



### 5. ADDITIVES

- N/A



### 6. SURFACE PREPARATION

- Surfaces should be prepared using the proper undercoat system following recommended procedures.
- All surfaces should be final sanded with P400-P600 grit or equivalent.



### 7. SUBSTRATES (Properly Prepared)

- All Matrix 2K Primers
- All Matrix 2K Primer Sealers
- OEM Finishes
- Previously painted surfaces



### 8. APPLICATION

- Apply single coats of MPB-500 allowing proper flash times between each coat.

#### WHEN USING AS A WET BED

Apply 1-2 light to medium coats of the color blender onto the blend area, extending each coat a little further each time. Allow proper flash times between coats.

#### WHEN USING AS INTERCOAT CLEAR

Spray one (1) medium coat of MPB-500 with no color added, to lock down the metallic or pearl color prior to clearcoat application.

#### WHEN USING TO LET DOWN COLOR

Up to 35% RTS MPB-500 can be added to RTS mixed color to improve blendability.

### 9. STRIPING OR TWO TONING

- Refer to Flash and Dry Times

### 10. CLEARCOAT

- All Matrix clearcoats



### 11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

	W/O MX-57	W/ MX-57
Between Coats	10 min. or until completely dull	10-15 minutes
To Clear	20 minutes - 24 hours	30 minutes - 4 hours

\*Note: Extended flash times are recommended above 3 coat application.

\*\*Note: MPB-500 must be scuffed after four hours before recoating when activated with MX-57.

### 12. TAPE TIME

- Tape time on MPB-500 is 60 minutes minimum at 77° F (25°C).



### 13. SPRAY GUN SET UP

HVLP/LVLP - Fluid Tip Size	1.2 mm - 1.4 mm
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#### AIR PRESSURES

- Refer to spray gun manufacturer's recommendations for regulatory compliance



### 14. PHYSICAL DATA

RTS REGULATORY DATA	1:1	
	LBS./GAL.	g/L
Actual VOC	4.25	509
Regulatory VOC (less water and exempt solvents)	6.25	749
Density	7.97	955
	WT. %	VOL. %
Total Solids Content	11.8	9.8
Total Volatile Content	88.2	90.2
Water	0	0
Exempt Compound Content	35.0	32.1
Coating Category	Uniform Finish Coating	

If used as instructed, this product is designed to comply with the US National Volatile Organic Compound (VOC) Emission Standard for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.