

# RB Intermix



## Refinish Solutions BASECOAT

Technical Data Sheet  
Technical Hotline: 800.612.6567

### DESCRIPTION

Refinish Solutions Basecoat (RB) offers over 25,000 primary, tricoats, and variance color formulas. This basecoat system provides great color match with fast and easy application.

### QUICK REFERENCE

- What:** RB Matrix Standard Basecoat solvent borne basecoat.
- Mix:** Mixed color - 1:1 with RSR-300 Series Reducers
- Application:** 2 - 3 coats until hiding and/or sprayout indicates.
- Time:** 15 - 30 minutes to clearcoat under normal conditions.
- Recoat:** Refinish Solutions clearcoats, or itself, within 24 hours or sand and recoat.

### REQUIRED COMPONENTS

<u>Product</u>	<u>Description</u>	
RB Mixed Color	Refinish Solutions Standard Basecoat	
<u>Reducer</u>		
RSR-300	Fast/S mall Job	up to 70° F
RSR-301	Medium / Medium Job	70° - 80° F
RSR-302	Slow / Large Job	80° - 90° F

### COMPATIBLE SUBSTRATES

Refinish Solutions Primers and Sealers



### PREPARATION

Refinish Solutions brand primer surfacers should be sanded with P320-P400 dry or P600-P800 wet. Existing OEM finishes should be sanded with P320-P400 dry or P600-P800 wet. Color fade out/blend areas should be thoroughly abraded with a grey scuff pad (3M 7448 or equal). Non sanding options such as MP-Series Epoxy Primers, MP-800 Plastic Adhesion promoter, and MP series sealers should be completely flashed, per recoat times for those products



### MIXING RATIO

**RB COLOR:** 1 part RB color to 1 part RSR-300 Series Reducers for metallic and pearl colors.

#### *Optional*

**RB COLOR:** 1 part RB color to 1 part Refinish Solutions RSR-300 Series Reducer + 5% MX-57 Basecoat Activator when using RB as a mid coat or for multi layer paint effects.

Note: 5% can be approximated by using one of the following methods:

1. Use 1-2 capfuls of MX-57 Basecoat Activator per ready to spray quart.
2. Add 1.5 oz of MX-57 Basecoat Activator to each ready to spray quart.
3. Multiply the number of ready to spray ounces to get the exact amount needed.

**BASECOAT**



**ADDITIVES**

***Adding additional materials to a ready to spray product will increase the V.O.C as applied. Check mixture and local regulations to assure compliance.***

Accelerator	Not Recommended
Retarder	Retarder MR-899 will retard, or slow, the initial flash dry allowing slightly more time for the overspray to melt in to the surface when spraying in high temperatures, high humidity, or large jobs.
Fisheye	Not Recommended
Flattening	Not Recommended
Flex Additive	Not Recommended



**POT LIFE**

Mixed 1:1 with Refinish Solutions RSR-300 Series reducer there is an infinite pot life.  
 Mixed 1:1+5% MX-57 Pot life is approximately 2 hours @ 70° F/21° C.



**GUN SETUP**

<b><i>Gun Type</i></b>	<b><i>Fluid Tip</i></b>	<b><i>Air Cap</i></b>	<b><i>Inlet PSI</i></b>	<b><i>Approx. Distance</i></b>
Iwata LPH400	1.3 - 1.4	LVX	14 - 16	5" - 7"
Tekna Prolite	1.3 - 1.4	TE10	16 - 20	5" - 7"
SATA RP3000	1.3	N/A	22 - 26	5" - 7"



**APPLICATION**

***\*Tech Tip:*** With any color, performing and evaluating a spray out prior to spraying the object can greatly increase productivity and color accuracy. If a colored undercoat is desired it can be achieved with a solid color RB formulation.

Apply 2-3 coats depending on coverage and effect desired (will be indicated with spray out).



**DRY/FLASH TIMES**

***DRY TIMES AT 70° F/21° C***  
 FLASH TIME (AFTER 1ST COAT) 10-15 minutes  
 FLASH TIME (AFTER 2ND COAT) 15-20 minutes  
 FLASH TIME (AFTER 3RD COAT) 15-20 minutes

**SPECIAL CONSIDERATIONS**

If artwork is planned allow extra time between layer and colors to “protect” artistic effects from being smudged or otherwise damaged as work continues.  
 Taping directly onto fresh RB will require the layer be dry and not just “skinned over”. If the surface becomes smudged or damaged it must be repaired and an additional layer applied to restore intended color and appearance.

## RECOATING

Basecoat is ready for clearcoat application when flash dry. The basecoat will “feel” dry (firm and not wet) to touch. Test, with gloved hand, on masking or non essential area of job. When applying three stage colors, or artistic effects, allow extra dry time between layers and before clear coating. Clear coating, or recoating with itself, should be done within 24 hours of initial application. If repair to basecoat is needed, repairing, such as sanding, and recoating with itself, can be done at anytime once dry.

MB can be recoated directly with any Matrix Clearcoat including:

**For areas requiring 2.1 VOC:**

Refinish Solutions Low VOC Clearcoat.

**For areas requiring 4.2 VOC:**

Refinishing Solutions National Rule Clearcoat



## EQUIPMENT CLEANING

Clean equipment immediately after use according to local regulations.



## TECHNICAL

Color:	Various
Reducer:	RSR-300 Series Reducers
Mixing Ratio:	1:1
Viscosity #2 Zahn (RTS):	15 - 18 seconds #2 Zahn
Weight Solids (RTS):	23.16 - 49.57%
V.O.C. (RTS):	Is less than 6.0 lbs/gal or 720 g/l (VOC of a specific color can be found on the “mixed color” label. The VOC contents of a specific reducer can be found on the reducer label. These VOC levels can be used to calculate exact Ready to Spray VOC for both regulatory and material reporting).
Film Build:	0.4 - 0.6 mils per medium coat
Coverage (Depending on color):	144 - 225 sq. ft. per gallon @ 1 dry mil
Disposal/Safety:	see SDS for this product



**FOR INDUSTRY USE ONLY**  
**Read SDS 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.