



GENERAL INFORMATION

ESB 3.5 VOC Standard Basecoat is a compliant basecoat that is a perfect blend of price and performance offering good color match, dry times, metallic control and hiding.



1. COMPONENTS

- ESB-Mixed Color 3.5 VOC Standard Basecoat
- MH-061 Premium Hardener - Fast
- MBR-1100 Low VOC Reducer - Fast
- MBR-1200 Low VOC Reducer - Medium
- MBR-1300 Low VOC Reducer - Slow



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

- Mix one (1) part ESB 3.5 VOC with one (1) part MBR-Series Reducer
- Mix one (1) part ESB 3.5 VOC with one (1) part MBR-Series Reducer and 1% of MH-061 Basecoat Activator by volume.



3. POT LIFE @ 77°F (25°C)

- Sprayable up to 2 hours with MH-061
- 7 days when mixed without MH-061
- *Tech Tip: Pot life will shorten as temperatures increase. Matrix Edge™ System products are not recommended for use in temperatures below 60° F.



4. CLEAN UP

- Clean equipment immediately after use according to 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 Edge 2K Primers
- All Matrix Edge 2K Primer Sealers
- OEM Finishes
- Previously painted surfaces



8. APPLICATION

- Apply two (2) to three (3) medium wet coats with a 75% overlap or until hiding is achieved.

9. STRIPING OR TWO TONING

- Refer to Flash and Dry Times

10. CLEARCOAT

- All Matrix Edge clearcoats



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash Between Coats	5-10 Minutes
Tape Time	30 Minutes
To Clearcoat	20 Minutes

NOTE: Extended flash times are recommended above 3 coat application.

NOTE: ESB 3.5 VOC must be scuffed after 24 hours and reapplied before clearcoating.



12. SPRAY GUN SET UP

Compliant	1.3mm - 1.4mm
HVLP Fluid Tip	1.3mm - 1.4mm

AIR PRESSURES

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



13. PHYSICAL DATA

RTS REGULATORY DATA	1:1	
	As Applied (MBR-1000 Series)	
	LBS./GAL.	g/L
Actual VOC	0.9 Max	110 Max
Regulatory VOC (less water and exempt solvents)	3.5 Max	420 Max
Density	9-12	1070-1450
	WT. %	VOL. %
Total Solids Content	10-22	11-18
Total Volatile Content	78-90	82-89
Water	0	0
Exempt Compound Content	70-85	70-85
Coating Category	Color Coating	

If used as instructed, this product is designed to comply with Volatile Organic Compound (VOC) Standards in low-VOC jurisdictions, 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.