



Technical Data Sheet

Automotive Art Motobase LV-Line



General Information:

Motobase 8LV Line is a Low VOC solvent basecoat, which can be re-coated with any Automotive Art Clear coat. The system provides an exceptional color match and optical effect. The system meets all USA and Canada VOC regulations.

Substrates:

Can be applied over:

- Properly prepared and degreased OEM substrates
- AART Primers, Sealers, clearcoats

Mixing Ratio:



National Rule

1:1

100% by Vol. Automotive Art Motobase LV Line

100% by Vol. Automotive Art NR Reducers

Part#

8LV-Toners

35-10, 35-20, 35-30

Low VOC

1:1

100% by Vol. Automotive Art Motobase LV Line

100% by Vol. Automotive Art LV Reducers

Part#

8LV-Toners

35-50, 35-55, 35-60

Pot Life: Over 1 Year when stored in cool dry area in sealed container.

Additives:



2K Converter
20-60 Gloss Converter
20-80 Basecoat Blender

Air Pressure and Spray gun Setup:

	Air Pressure	Nozzle Size
HVLP:	1.5-2.0 bar (21-29 psi)	1.3-1.4 mm
Conventional:	3.0-4.0 bar (45-60 psi)	1.3-1.4 mm

Note: For best overall result, refer to spraygun manufacturer's recommendations.

Application:



Apply: 2 - 3 medium wet coats or until full coverage is achieved
Coat Thickness: 0.8-1.2 mil (20 - 30 µm)

Drying Times:



Between Coats: 5-10 min at 20°C. (68°F) or until matt

To Tape: 20-45 min

To Clearcoat: 10-15 min at 20°C. (68°F) or until matt before applying clearcoat. (*)

(*) After approx. 8 hours from applying basecoat without applying clearcoat, the basecoat must be scuffed and basecoat reapplied and be matt prior to applying clearcoat for proper adhesion.

Selection Guide Charts:

Reducers			Temperature Range		
Description	Nat Rule Part #	Low VOC Part #	55°F-70°F (12°C-21°C)	70°F-85°F (21°C-30°C)	+ 85°F (+30°C)
High Temp/Slow	35-10	35-50			
Medium Temp/Normal	35-20	35-55			
Low Temp/ Fast	35-30	35-60			



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Surface Preparation:



- Prepare all surfaces following recommended procedures and follow with Automotive Art Universal Cleaner 20-95 or 20-70 Anti-static cleaner
- Apply over AART primers, AART primer sealer or cured clearcoats.
- Dry sand with 600/800 grit or wet sand with 600 – 800 grit before applying basecoat

Packing & Shelf Life:

Sizes: 3.5L, 1L, 500ML

Shelf life: Under normal storage conditions minimum four years (unopened tins).

Notes:

- Do not pour ready for use product into unopened container.
- For blending please refer to basecoat blending procedure guide.
- If fisheyes occur, let the basecoat dry, scuff and re-apply light coats to cover
- The basecoat can be recoated at any time in a period no longer than 12 hours, after that time it should be scuffed or sanded before re-coating or top coating.

Technical Data:

RTS Combinations:	8LV-Toners
Volume Ratio:	1:1
Specific Gravity:	0.95 to 1.57 kg/l
Flash Point:	> 7°C, (>45°F)
Solids Vol %:	Varies
Solids Wt. %:	Varies
Coverage (Varies based on color):	7-8 m ² /l @ 20-30 µm approx.
Viscosity (RFU):	17 – 19 s. DIN Cup 4
Gloss:	Matt, Semi-Matt
Color:	Various
V.O.C. Actual:	<420 g/l, (<3.5 lbs/gal)
V.O.C. Regulatory RTS (less water, less exempts):	<420 g/l, (<3.5 lbs/gal)
V.O.C. Ready to Spray:	<420 g/l, (<3.5 lbs/gal)
Applicable Use Category:	Color Coating

See Material Safety Data Sheet and Labels for additional Safety Information and handling instructions.