



Technical Data Sheet

Automotive Art Converter 8LV-2K



General Information:

Motobase LV Converter 8LV-2K is designed to be mixed with Motobase 8LV or Motobase 80 line to create a 2K color coat that does not require a clear coat. This is ideal for fleets, commercial vehicles, equipment & sign painting, where a 2K direct gloss solid or metallic finish is required.

Substrates:

- Can be applied over:
- Properly prepared and degreased OEM substrates
 - AART Primers, Sealers, clearcoats

Mixing Ratio:



National Rule

MIX "A"

Part#

1 PART Automotive Art Motobase 80 Line

80-Toners

2 PARTS Automotive Art LV-2K converter

8LV-2K

then

3 PARTS MIX "A"

1 PART Automotive Art NR Hardener

30-52, 30-62, 30-72, 30-82

10% by vol. Automotive Art NR Reducer

35-10, 35-20, 35-30

Low VOC

MIX "A"

Part#

1 PART by Vol. Automotive Art Motobase LV Line

8LV-Toners

2 PARTS Automotive Art LV-2K converter

8LV-2K

then

3 PARTS MIX "A"

1 PART Automotive Art LV Hardener

30-66, 30-76, 30-86

10% by Vol. Automotive Art LV Reducers

35-50, 35-55, 35-60

Pot Life: 6 hours at 20°C. (68°F)

Additives:



20 - 45 Flex additive (Add 25% by vol. before adding hardener)

20 - 10 Accelerator (Add up to 5% to RTS mixture)

20 - 55 Matting Agent (Please refer to AART 20-55 TDS for gloss degree chart)

Air Pressure and Spray gun Setup:

	<u>Air Pressure</u>	<u>Nozzle Size</u>
HVLP:	21-29 psi (1.4-2.0 bar)	1.3-1.4 mm
Conventional:	35 psi (2.5 bar)	1.3-1.5 mm

Note: Refer to the spray gun manufacturer's recommendations for the best overall result.

Application:



Apply: 2 full coats or until full coverage is achieved

Coat Thickness: 3 -3.5 mil (80 - 90 µm)

Drying Times:



Between Coats: 8 - 10 minutes at 20°C (68°F)



<u>Tack-Free</u>	<u>Assembly</u>	<u>Polish</u>	<u>Recoat</u>
1 hour	4 hours	8 hours	12 hours



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Selection Guide Charts:

Hardeners			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-95°F (30°C-35°C)	+95°F (+35°C)
Extreme-Temp/Extra Slow	30-52	N/A				
High Temp/Slow	30-62	30-66				
Medium Temp/Normal	30-72	30-76				
Low Temp/ Fast	30-82	30-86				

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			

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 the basecoat

Packing & Shelf Life:

Sizes: 3.5L
Shelf life: Under normal storage conditions, a minimum of two years (unopened tins).

Notes:

- Metallic effect and color of OEM color codes produced with 8LV-2K will differ from basecoat with a clear coat finish of the same color code for metallic finishes.
- Can be added to any formula by clicking 2K Converter in our Motomix software or Motomix cloud



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Technical Data:

RTS Combinations:	
Volume Ratio:	1 : 2
Specific Gravity:	1.089 kg/l
Flash Point:	16°C, (61°F)
Solids Vol %:	43%
Solids Wt. %:	NA
Coverage (Varies based on color):	NA
Viscosity (RFU):	19-22s. DIN Cup 4
Gloss:	85% gloss
Color:	59.6 Hazen
V.O.C. Actual:	168 g/l, (1.4 lbs/gal)
V.O.C. Regulatory RTS (less water, less exempts):	314 g/l, (2.6 lbs/gal)
V.O.C. Ready to Spray:	<420 g/l, (<3.5 lbs/gal)
Applicable Use Category:	Single Stage Coating

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