
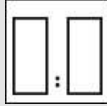




Technical Data Sheet

FOR PROFESSIONAL USE ONLY


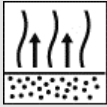

Product: Automotive Art Motobase 8LV-2K Converter

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|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------|-------------------------|----------------------------|---------------------------------|--------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------|-------------------------|------------------|---------------------|---------------------|---------------|------------|----------------------|------------------------|
| Features: | Motobase 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. | | | | | | | | | | | | | | | | |
| Benefits: | <ul style="list-style-type: none"> • Produces superb direct gloss finish from basecoat • Excellent 2K single stage solution for fleets, commercial vehicles & equipment • Produces direct gloss solid and metallic finishes * • Durable finish with good gloss • Low VOC compliant <p>* Metallic Effect is different than metallic OEM basecoat with a clearcoat finish</p> | | | | | | | | | | | | | | | | |
| Recommended Use: | For painting of fleets, commercial vehicles & equipment, trucks, signs, alloy wheels, etc. | | | | | | | | | | | | | | | | |
| Materials for the job: | <table border="0"> <tr> <td>• Automotive Art Motobase 8LV or Motobase 80 line</td> <td>8LV or 80 line mixed Color</td> </tr> <tr> <td>• Automotive Art 8LV-2K</td> <td>8LV-2K</td> </tr> <tr> <td>• Automotive Art Hardener</td> <td>(2.1 voc) 30-66, 30-76, 30-86 National Rule 30-62, 30-72, 30-82</td> </tr> <tr> <td>• Automotive Art Reducer</td> <td>Zero voc 35-55, 35-60, 35-65 National Rule 35-10, 35-20, 35-30</td> </tr> </table> | • Automotive Art Motobase 8LV or Motobase 80 line | 8LV or 80 line mixed Color | • Automotive Art 8LV-2K | 8LV-2K | • Automotive Art Hardener | (2.1 voc) 30-66, 30-76, 30-86 National Rule 30-62, 30-72, 30-82 | • Automotive Art Reducer | Zero voc 35-55, 35-60, 35-65 National Rule 35-10, 35-20, 35-30 | | | | | | | | |
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| Physical properties: | <table border="0"> <tr> <td>Specific gravity (kg/l):</td> <td>1.093</td> </tr> <tr> <td>Flash point:</td> <td>Closed cup: >15°C (>59°F)</td> </tr> <tr> <td>Vol.% solids RFU:</td> <td>43%</td> </tr> <tr> <td>Viscosity:</td> <td>22 sec Cup DIN 4</td> </tr> <tr> <td>Viscosity (RTS):</td> <td>17 sec Cup DIN 4</td> </tr> <tr> <td>Gloss:</td> <td>85% gloss</td> </tr> <tr> <td>Color:</td> <td>59.6 Hazen</td> </tr> <tr> <td>V.O.C. (RTS):</td> <td>234 g/l (1.95 lbs/gal)</td> </tr> </table> | Specific gravity (kg/l): | 1.093 | Flash point: | Closed cup: >15°C (>59°F) | Vol.% solids RFU: | 43% | Viscosity: | 22 sec Cup DIN 4 | Viscosity (RTS): | 17 sec Cup DIN 4 | Gloss: | 85% gloss | Color: | 59.6 Hazen | V.O.C. (RTS): | 234 g/l (1.95 lbs/gal) |
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| Color: | 59.6 Hazen | | | | | | | | | | | | | | | | |
| V.O.C. (RTS): | 234 g/l (1.95 lbs/gal) | | | | | | | | | | | | | | | | |
| Cleaning the equipment: | 20-70 Anti-Static cleaner or 20-95 Wax & Grease remover | | | | | | | | | | | | | | | | |
| Shelf Life: | Under normal storage conditions minimum two years (unopened tins). | | | | | | | | | | | | | | | | |
| Pretreatment:  | Remove rust from metal areas by sanding or sand blasting then clean surface with Automotive Art 20-70 Water based cleaner. Apply fillers and primers. | | | | | | | | | | | | | | | | |
| Mixing ratio:  | <table border="0"> <tr> <td>1 Part Basecoat</td> <td>: 2 Parts 8LV-2K Converter = Component A</td> <td>then</td> </tr> <tr> <td>3 Parts Component A</td> <td>: 1 Part Hardener + 10% Reducer</td> <td></td> </tr> <tr> <td></td> <td>Hardener</td> <td>Reducer</td> </tr> <tr> <td>2.1 voc</td> <td>30-66, 30-76, 30-86</td> <td>35-55, 35-60, 35-65</td> </tr> </table> | 1 Part Basecoat | : 2 Parts 8LV-2K Converter = Component A | then | 3 Parts Component A | : 1 Part Hardener + 10% Reducer | | | Hardener | Reducer | 2.1 voc | 30-66, 30-76, 30-86 | 35-55, 35-60, 35-65 | | | | |
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| | National Rule | 30-62, 30-72, 30-82 | 35-10, 35-20, 35-30 |
| Nozzle size: | Gravity gun: | HVLP: 1.3 – 1.4 mm | High pressure: 1.3 – 1.4 mm |
| | Suction gun: | HVLP: 1.6 mm | High pressure: 1.4 – 1.6 mm |
| Spraying pressure: | HVLP: 2.0 – 3.0 bar (30 – 45 psi) See Info Manufacturer High pressure: 3 - 4 bar (45 - 60 p.s.i.) | | |
| Application: |   <p>Apply 2 full coats with spray gun using normal spraying motion to achieve full coverage.</p> <p>Observe a <i>flash off</i> time of 5 to 10 minutes between coats</p> | | |
| Drying time: |  <p>at 20° C, relative humidity 65%</p> <p>Dust Free: 10 min Air Dry: 15 min Prior to assembly 12 hr</p> <p>at 60° C, relative humidity 65%</p> <p>Thorough dry: 30 min</p> | | |
| Pot life at 20° C: | 6 Hours | | |
| Remarks: | <ul style="list-style-type: none"> • Metallic effect and color of OEM color codes produced with 8LV-2K will be different than basecoat with clearcoat finish of same color code for metallic finishes. | | |