





# Technical Data Sheet

FOR PROFESSIONAL USE ONLY

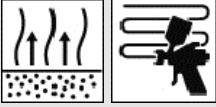




## Product: Automotive Art Motocryl 50 Line

<b>Features:</b>	Motocryl 50 Line is a two-component polyurethane acrylic finish, it can be air or force dry. High durability, resistance to chemicals and lasting gloss.	
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>• Excellent Color Matching - Excellent covering power – deep gloss – scratch resistance</li> <li>• Low consumption - Good flow - Excellent performance</li> </ul>	
<b>Recommended Use:</b>	For painting passenger and commercial vehicles, trucks, etc.	
<b>Materials for the job:</b>	<ul style="list-style-type: none"> <li>• Automotive Art Motocryl</li> <li>• Automotive Art Hardener MS/HS</li> <li>• Automotive Art Reducer</li> </ul>	50 Line 30 Series 35-20
<b>Physical properties:</b>	<b>Specific gravity (kg/l):</b> <b>Flash point:</b> <b>Vol.% solids:</b> <b>Coverage (Depending on color):</b> <b>Viscosity (RFU):</b> <b>Gloss:</b> <b>Color:</b> <b>V.O.C. (RTS):</b>	1.00 to 1.30 Closed cup: >15°C (>59°F) Varies (Approx. 55%) 50 µm approx. 9 m <sup>2</sup> /l 21 - 24s Cup DIN 4 High gloss Various >600 g/l (>5.0 lbs/gal)
<b>Cleaning the equipment:</b>	Lacquer Thinner 6-051	
<b>Shelf Life:</b>	Under normal storage conditions minimum two years (unopened tins).	
<b>Pretreatment:</b> 	Remove rust from metal areas by sanding or sand blasting then clean surface with Automotive Art Universal Cleaner 20-90. Apply fillers and primers.	
<b>Mixing ratio:</b> 	2 : 1 with hardener 100% by vol. Automotive Art Motocryl 50 Line 50% by vol. Automotive Art Hardener 30 series 10% by vol. Automotive Art Reducer 35-20	
<b>Nozzle size:</b>	<b>Gravity gun:</b> HVLP: 1.3 – 1.4 mm <b>Suction gun:</b> HVLP: 1.6 mm	High pressure: 1.3 – 1.4 mm High pressure: 1.4 – 1.6 mm
<b>Spraying pressure:</b>	HVLP: 2.0 – 3.0 bar (30 – 45 psi) See Info Manufacturer	



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	High pressure: 3 - 4 bar (45 - 60 p.s.i.)		
<b>Application:</b> <b>Total Re-spray</b>	Apply with spray gun using normal spraying motion, 1½ to 2 coats, observing a <b>flash off</b> time of 5 to 10 minutes.		
<b>Application:</b> <b>Blending in</b>  	Blending in can be considerably more efficient and economical than color matching. Follow the blending-in technique: <ol style="list-style-type: none"> <li>1. Clean with Automotive Art Universal Cleaner 20-90.</li> <li>2. Sand for adhesion and clean again</li> <li>3. Cover damaged area with 1 – 2 coats of 50 Line Motocryl, with pressure at approx. 2.0 – 3.0 bar (30 – 45 p.s.i.) fading out into the surrounding area.</li> <li>4. After flash off, apply 1-2 thin spray coats of 82-50 or 92-50 clear to the entire surface including the repair area.</li> </ol>		  
	<ol style="list-style-type: none"> <li>5. If the area can not be masked, the clear must be blended in. After that, lightly spray a blending reducer at the edge. After drying, the area must be polished. Be sure to scuff the entire blending area prior to spraying.</li> </ol>		
<b>Drying time: at 20°</b> <b>Infrared short wave</b>  	With 30-70 8 hours 7 minutes	30-80 7hours	30-60 10 hours
<b>Pot life at 20° C:</b>	4 Hours		
<b>Remarks:</b>	<ul style="list-style-type: none"> <li>• Can obtain desired mat finish by mixing Motocryl 50 Line with matting powder prior to applying hardener and reducer.</li> <li>• Can be brush applied by using 30-62 slow hardener.</li> <li>• For painting semi-rigid and soft plastics, use a flex additive as recommended. E.g. AA Flexing Agent 20-45. Refer to section on painting of plastics.</li> <li>• In the case of fish eye use an Anti-Silicone Additive.</li> </ul>		